March 24, 2010

# AN ASSESSMENT OF 'LESSONS LEARNED' FROM THE OPERATION OF EXISTING FRESHWATER DIVERSIONS IN SOUTH LOUISIANA

Prepared for

**Louisiana Office of Coastal Protection and Restoration**
**Louisiana Coastal Area Science and Technology Program**
**U.S. Army Corps of Engineers, Mississippi Valley Division**

**Louisiana Department of Natural Resources**
**Contract No: 2503-07-13**

Prepared by

Gulf Engineers & Consultants
Baton Rouge, Louisiana

# AN ASSESSMENT OF 'LESSONS LEARNED' FROM THE OPERATION OF EXISTING FRESHWATER DIVERSIONS IN SOUTH LOUISIANA

Prepared for

**Louisiana Office of Coastal Protection and Restoration**

**Louisiana Coastal Area Science and Technology Program**

**U.S. Army Corps of Engineers, Mississippi Valley Division**

**Louisiana Department of Natural Resources**
**Contract No: 2503-07-13**

Prepared by

Gulf Engineers & Consultants
9357 Interline Avenue
Baton Rouge, Louisiana
Telephone: 225.612.3000 ▲ Fax: 225.612.4270

# CONTENTS

# CONTENTS


Section I OVERVIEW

Section II POWERPOINT PRESENTATION

Section III BRIEFING NOTES

Section IV RIVERINE LITERATURE

Section V SEDIMENTS LITERATURE

Section VI VEGETATION LITERATURE

Section VII SALINITY LITERATURE

Section VIII FISHERIES LITERATURE

Section IX ALL LITERATURE

# OVERVIEW

## OVERVIEW

G.E.C., Inc. (GEC) was contracted by the Louisiana Office of Coastal Protection and Restoration to conduct "An Assessment of 'Lessons Learned' from the Operations of Existing Freshwater Diversions in South Louisiana". This effort to support Subtask 1 is to prepare a focus document coincident with the U.S. Army Corps of Engineers Diversion Summit to be held in New Orleans, Louisiana, on March 3-5, 2009. GEC received the Notice to Proceed on January 16, 2009, and this "Work-In-Progress" Briefing Document was developed to provide as much focus on freshwater diversions as possible to the Louisiana Coastal Area Science and Technology Program (LCAST) group prior to the Diversions Summit. This research and analysis is a work-in-progress and should not be considered as a complete and final product.

The first step of Subtask 1 and review involved the collection of all pertinent literature. Diversions to be considered included Wax Lake Outlet, West Bay, Caernarvon, and Davis Pond. This literature review was designed to identify data gaps and pertinent questions. The spectrum of general and specific questions included, but were not limited to:

- What is our technical ability to predict sediment transport through and deposition in estuarine basin receiving waters?
    - Why has there been no subaerial expression of land formed by the West Bay Diversion?
    - Does the present design of the Wax Lake Outlet maximize sediment capture in the Wax Lake Delta, and if not, can we say why?
    - Will velocities from large diversions prohibit settling and the retention of sediments?
- What is the definable impact on wetland and aquatic resources of diverting fresh water into estuarine receiving basins?
    - Do we have evidence that freshwater diversions create freshwater wetlands or do they negatively impact salt marshes?
    - What impact do diversions have on flotant marshes?
- Have there been significant changes in Mississippi River water quality and sediment load that would lead us to predict significant impacts in landform and community composition of diversion outfall areas?

    Does the particle size of the current sediments carried by the Mississippi River resemble that of the sediments that created the deltas in the geologic history of the Louisiana coastal area?

    Do the higher nutrient concentrations in present Mississippi River waters more negatively impact the estuarine receiving waters with respect to historic conditions?

GEC contacted environmental professionals and academia who are working on the coastal issues to quickly gather pertinent and very recent literature, including publications in review or submission. Upon receipt of a document, the literature cited section of each was used to expand the search. Search engines were used to collect additional literature from more sources. GEC developed a series of keywords to use for these engines. Websites of universities, state, and federal agencies were searched for additional documents.

GEC developed a Microsoft Access database to organize and manage the literature citations. Each document was assigned keywords to enable specific focused lists to be produced. These keywords were: Vegetative/SAV, Riverine, Bay Study, Sediment, Data Only, Feasibility Study, Modeling, Survey, West Bay, Caernarvon, Davis Pond, Atchafalaya, Diversions – General, Bonnet Carré Spillway, Proposed Diversion, Salinity, Fisheries, Water Quality, Pulsing, Accretion, Wax Lake, Restoration, Nutrients, Impacts, Productivity, Biomass, Crevasse, Plankton, Old River Control Structure, Siphons, Splays, Marsh Creation, Freshwater Inflow, Coastal Land Loss, Levees, and Hurricane Protection.

The Access database can be searched for one or more keywords to produce a list of relevant literature. As of March 23, 1020, GEC has logged in 811 documents. Approximately 50 to 100 more documents remain to be logged in and GEC believes that there will be more documents yet to be identified and catalogued. Given the rate of discovery, it is estimated that the total body of relevant literature could potentially exceed 700 documents. Several lists of document searches are attached, including: Riverine, Sediments, Vegetation, Salinity, Fisheries, and All Documents.

In early February 2009, GEC was instructed by OCPR to begin preparing this briefing. GEC was able to use the Access database to help develop this briefing. GEC does not consider the literature search or this review to be complete. A PowerPoint presentation and Briefing Notes are attached.

# POWERPOINT PRESENTATION

WORK-IN-PROGRESS BRIEFING

# AN ASSESSMENT OF 'LESSONS LEARNED' FROM THE OPERATION OF EXISTING FRESHWATER DIVERSIONS IN SOUTH LOUISIANA

Office of Coastal Protection and Restoration
Louisiana Coastal Area Science and Technology Program
U.S. Army Corps of Engineers, Mississippi Valley Division

GEC
G.E.C., Inc.

## Where do we start?

Divide and Conquer – team assignments
Utilize technology, search engines, etc. –
Developed Access database to manage literature -
Look for the "big" rocks first –
Tap contacts and "brain trust" –
High Altitude vs. Low Altitude -

## Divide and Conquer

**Mississippi River and Atchafalaya River System – Between the Levees**
**Sediment Accretion – Coastal Marsh**
**Vegetation – Coastal Marsh**
**Coastal Freshwater Swamps**
**Fish and Wildlife**

# Mississippi and Atchafalaya River Systems "Between the Levees"

Composed of Three Main Reaches:

Reach 1 – Upstream of Old River Control Structure
Mostly Tarbert Landing, MS
Reach 2 - Atchafalaya River System
Mostly Simmesport, LA
Reach 3 – Mississippi Main Stem South of ORCS
Mostly St. Francisville, LA

## Hydraulic Characteristics

Mississippi River

Tarbert Landing, MS (1930-2005) (CPRA, 2007)

- Average Annual Discharge = 486,000 cfs
- Average Annual Minimum Discharge = 165,000 cfs
- Average Annual Maximum Discharge = 1,081,000 cfs

## Hydraulic Characteristics

Mississippi River

New Orleans, LA to HOP (1972-1992) (UNO, Sogreah, CRC)

- Maximum Average Discharge (April) = 810,000 cfs
- Minimum Average Discharge (September) = 100,000 cfs
- 500,000 cfs of Simultaneous Diversion Water Available (CPRA, 2007)

## Hydraulic Characteristics

Atchafalaya River

Simmesport, LA (1930 -2005)

- Average Annual Discharge = 200,000 cfs
- Average Annual Minimum Discharge = 41,000 cfs
- Average Annual Maximum Discharge = 483,000 cfs
- 69% Mississippi River
- 31% Red River

## Sediment Load?

- Sampling
  - Data from 1930's to Present
  - St. Francisville, LA. – Southernmost

## Sediment Makeup

- Two Types of Sediment
  - Coarse Grained Sediments (Sand, >0.0625 mm)
    - Fine Sands (0.0625 mm – 0.25 mm)
    - Coarse Sands (0.25 mm – 1 mm)
  - Fine Grained Sediments (Silt & Clay, < 0.065 mm)

## Sediment Transport Types

- Bed Load
- Suspended Load
- Near-Bed Load aka "Unmeasured Load"

## Total Sediment Transport Estimations

- Cairo, Illinois to Gulf – 170,000,000 tons/yr (Thorne, 2000)
- Renewable Sediment Load – 124,000,000 tons/yr (Allison, 2006)
- Approximately 20% of Total Sediment Load is Sand (Allison, 2006)
- Total Sand Load (Suspended + Bed) Loss is 20,000,000 tons/yr (Nittrouer, 2006)

## Suspended Sediment Load Estimations

- 87 Million tons/yr (Horowitz, 2006)
- 94.3 Million cy/yr Measured Available (CPRA, 2007)
- 18 Million cy/yr Unmeasured Available (CPRA, 2007)
- Tarbert Landing, MS – 129,671,000 tons/yr
  - Average Peak Discharge – 665,000 tons/day
- Simmesport, LA – 59,061,000 tons /yr

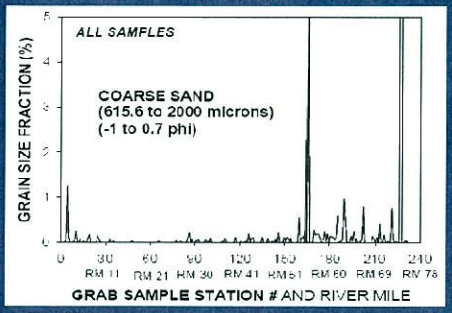
## Suspended Sand Estimations

- 30% of Suspended Sediment is Sand (USACE, 2000)
- Suspended Sand Discharge per Year:
  - 22,600,000 tons/yr – St. Francisville (Nittrouer et al., 2008)
  - 17,600,000 tons/yr – Belle Chase (Nittrouer et al., 2008)
  - 4,000,000 to 6,000,000 tons/yr – H.O.P. (Allison, 2006)

## Bed Load Estimations

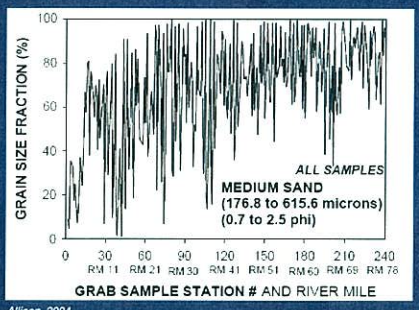
- Bedform Transport of 2,200,000 tons/yr
- ~2.5% of Observed Suspended Sediment Discharge
- Small Component of Overall Sand Transport
- Trend of Overall Thinning of Sand Sheet Flow Below Venice, LA.

## Percentage of Coarse Grain Sand in Grab Samples



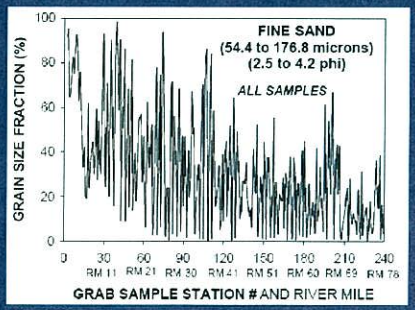

Allison, 2004

## Percentage of Medium Grain Sand in Grab Samples



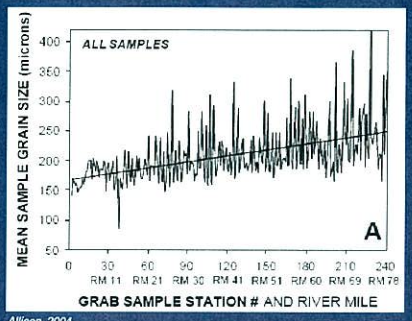

Allison, 2004

## Percentage of Fine Grain Sand in Grab Samples




Allison, 2004

## Mean Grain Size of Sand in Grab Samples




*Allison, 2004*

## Bed Morphology/River Geometry

- Varies By:
  - River Depth
  - River Geometry
- River Depth
  - > 35 m (115 ft.) → Exposed older substrate
  - ~ 10 – 35 m (33 – 115 ft.) → Sandy dunes
  - < ~ 10 m (33 ft.) → Recent mud deposits
- Straight Reach vs. Bends

## Changes in Sediment Load Over Time?

<u>Mississippi River</u>

- Renewable Load Decreased by 43% since 1900
- Effect of Dams (51%)
- Changes in Land Use (Overall Decrease?)

## Changes in Sediment Load Over Time?

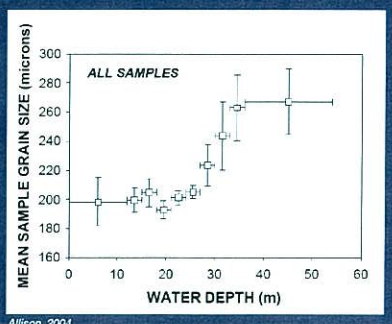
Atchafalaya River

- Simmesport, LA. Reduced by 14 mg/l
- Increased Sediment Load in Atchafalaya Bay

## What Grain Sizes Are Available for Marsh Creation?

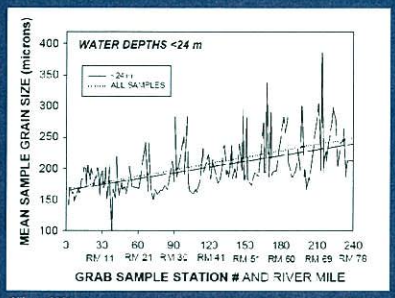
- Mean Sediment Sizes Decrease Down the Mississippi River
  - 0.230 mm at English Turn
  - 0.160 mm at HOP
- Mean Grain Sizes Increase with Depth
  - 0.2 mm in Shallow Water (0 – 80 ft.)
  - 0.265 mm in Deeper Water (> 100 ft.)
- What does This Suggest?

Mean Grain SizesVaried by Depth for Grab Samples in November 2003




*Allison, 2004*

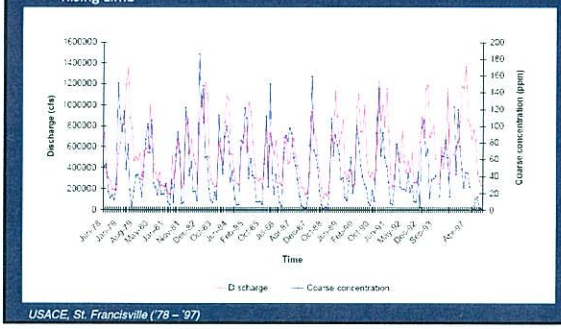
## Mean Grain Sizes Varied by Reach for Grab Samples in November 2003




*Allison, 2004*

## What is Reasonable to Divert From the River?

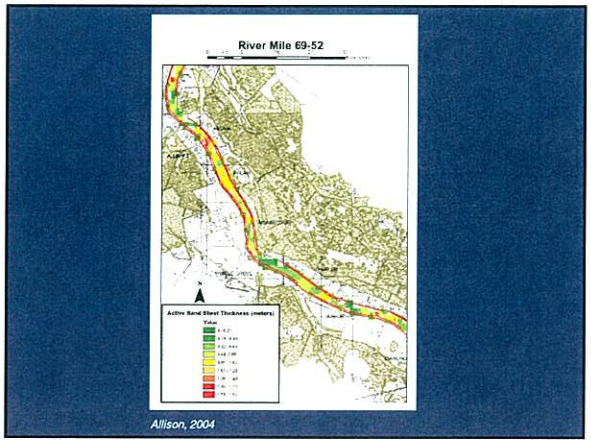
- Suspended Sand Load vs. Discharge
- Rising Limb



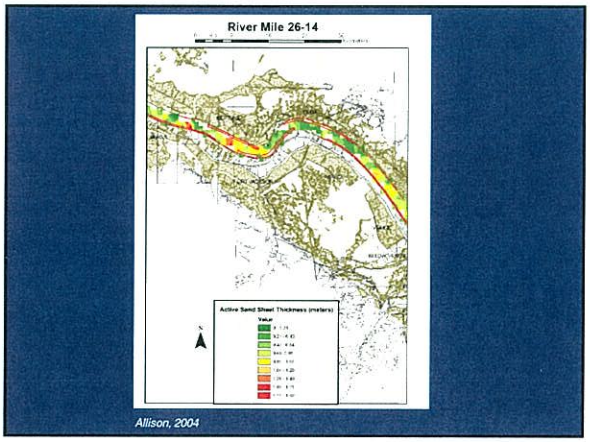

*USACE, St. Francisville ('78 – '97)*

## Best Areas for Diversions?

- River Depth/Geometry
  - 50 – 100 ft.
  - Straight Reaches
  - Concave Side of Bends
- Flow Periods?
  - March - May




Allison, 2004




Allison, 2004

## Best Areas for Mechanical Dredging?

- Bed Material (-45 feet to -6 feet??)
- Other Potential Areas of Sediment
  - Point bars within the river
  - Maintenance dredging operations
  - Sand deposits along the batture on the channel-side of artificial levees
  - Sediment trap(s)?
  - Shoaling areas associated with an existing or proposed diversion(s)?

## River Modeling

- Small Scale Physical Model (Willson, LSU)
- HEC-RAS, HEC-6T (Tony Thomas)
  - 1-D Hydraulic Calculations
- FVCOM (UNO,ULL – Ehab Meselhe)
  - Finite Volume Coastal Ocean Circulation Model (3-D)
  - Momentum, Salinity, Temperature, ect.
- ADH (2D) (Willson – LSU)
  - Adaptive Hydraulics (2-D or 3-D)
  - Open Channel Flow
- Delta Desktop Model
  - Excel-based
  - 2-D Deltaic Sedimentation Model

## Data Gaps?

- Long-Term Sampling Stations
- Further Analysis of Bed Load
- Discharge vs. Suspended Sand Load
- Long-Term Sediment Reductions?
- Sampling Time Differentials

## Recommendations

General

- Development of a Strategic, Refined Sampling Program
  - Focused on Specific Diversion Planning Objective
  - Sampling Must Account for Episodic Events
  - Refine Collection Techniques and Analysis
  - Gradation Analysis

## Recommendations

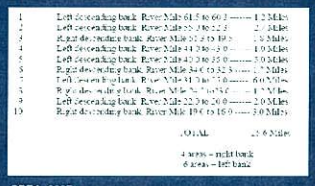
River Diversions

- Deepen Diversion Channels
- Mimic Natural Crevasses
- Multiple Small Diversions
- Increased Capacity – Allow for Pulsing
- Modeling

## Recommendations

Mechanical Dredging

- Supply Side
- Capture Areas (Sediment Traps, Shoaling Areas)
- Potential Areas for Mechanical Dredging



CPRA, 2007

## Lessons Learned From Existing River Diversion Projects

- What is the Goal? Isohalines? Marsh Creation? What are the Benchmarks?
- What grain size do you need?
- Gated Structures – Control and Adaptive Management
- Reference Areas or Control Areas
- Monitoring and Permanent Instrumentation Stations
- Security
- Minimize the Opportunity for Litigation

Raynie, 2002

## Sediment Accretion - Coastal Marsh

What are the subsidence rates?

- Birdsfoot delta =
  4 cm/yr (Cahoon et al 2002),
  1.8 cm/yr (Ford, Cahoon, Lynch 1999)
- Chenier Plain =2 cm/yr (Sabine NWR, Ford 2003)
- Pearl River = 2.26 cm/ yr (Ford and Grace 1998)

What are reasonable accretion rates to be expected?

- Birdsfoot delta :
  - 12 cm/yr (Cahoon et al 2002),
  - 6.9 cm/yr (White, 1989),
  - 6.4 cm/yr (Ford, Cahoon and Lynch 1999)
- Pearl River: 2.5 cm/yr (Ford and Grace 1998)
- Chenier Plain:
  - 0.8 cm/yr (DeLaune, 1983),
  - 0.79 cm/yr (Kesel, 1989),
  - 1.3cm/yr, (Ford, pers comm.),
- Caernarvon:
  - 0.55 cm/yr to 1.11 cm/yr (DeLaune 2002),
  - 0.49 cm y-1 to 1.25 cm y-1 (Moerschbaecher 2008),

## What grain size and amount is needed?

- Grain size at West Bay are medium to fine silts (Andrus 2007)
- Existing Soil Profile Measurements?
- Soil Profile in Old Crevasses?

## Can accretion rates exceed subsidence rates?

Sometimes-location and sediment source critical

- At West Bay, no discernable increase in elevation from 2003-06 (Andrus 2007)
- Pearl River net gain 0.24 cm/yr (Ford and Grace 1998)
- Birdsfoot Delta: 8 cm/yr net gain at crevasse site (Cahoon et al 2002), 4.6 cm/yr (Ford, Cahoon and Lynch 1999)

## Can the net gain outpace sea level rise?

Any place there is a net gain in elevation, this gain typically is equal to or greater than the historic 2 mm/yr SLR as well as the 3-4 mm/yr projected SLR for the 21st century

A significant sediment source is critical for a net elevation gain

## Vegetation - Coastal Marsh

Plants need stable soils for establishment (soil bulk density)

- BD must be greater than 0.11 g/cm³ (DeLaune 2002)
- 0.30 g/cm³ desired (DeLaune 2002)
- Increase in bulk density will lead to increased productivity (Twilley & Nyman 2005)

## Below-Ground Biomass Production

There is an on-going debate

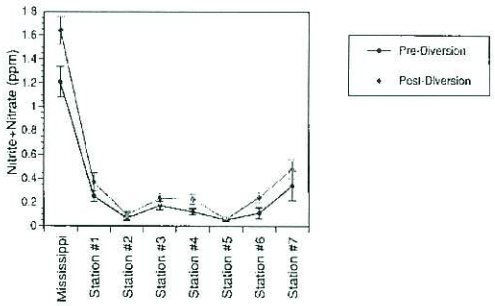
- Caernarvon Theory - more nutrients/less production:
  - Approximately seven-fold that of above-ground production in the low fertility treatments,
  - Approximately three-fold difference in the high fertility treatments. (Twilley and Nyman)
- Caernarvon – more nutrients/more production
  - Below-ground biomass – near outfall 17,890 g/m2
  - Below-ground biomass – farthest from outfall 1,920 g/m2 (Moerschbaecher 2008)
- Broken Peat - more decomposed substrate in Penchant marshes than in Barataria marshes (Swarzinski et al. 2008)
- Brant's Pass - Below-ground = to above-ground biomass production (White 1989)

## Above-ground Biomass Production

- At Brant's Pass: 1,194 gm/m² /yr
  62 species had colonized in 3 years. (White, 1989)
- Caernarvon:
  - 3,818 gm/m² /yr to 12,020 gm/m² /yr upper sites,
  - 3,965 gm/m² /yr to 12,331 gm/m² /yr in the lower sites (DeLaune 2002),
  - 423 gm/m²/yr at mid to 1,515 g/m²/yr at lower (Moerschbaecher 2008)

## What are nutrient loads and removal rates?

- Caernarvon Removal from pulse event:
  44% nitrogen, 57% nitrate, 23% phosphate (Day et al. 2003)
- Decrease in residence time keeps algal blooms down (Hyfield et al. 2008, Wissel, Grace and Fry 2005)
- Sulfide concentrations in porewater were twice as high in Penchant compared with Barataria marshes (Swarzinski et al. 2008)
- Denitrification is primary removal pathway (Mitsch et al. 2003)
- No loading or removal data prior to 1800 (Wissel, Grace and Fry 2005)




Pre- and post-diversion Nitrite+Nitrate data.

## Coastal Freshwater Swamps

Freshwater Diversions would have similarities to input of secondarily treated municipal effluent into freshwater wetland ecosystems:

- Productivity:
  - Mean net primary production at outfall was measured at 1,202g/m$^2$ compared to control site at 799g/m$^2$. (Brantley et al. 2008)
- Accretion due to organic inputs:
  - Rates were double the rate of RSLR. (Brantley et al. 2008)
  - Rate increased from 7.8 mm to 11.4 mm/yr. (Day et al. 2004)

## Coastal Freshwater Swamps

- Filtration Capacity:
  - Nitrogen and Phosphorus removal efficiencies were as high as 75% and 95%. (Brantley et al. 2008)
  - Effluent inflow to outflow (1600m) removal efficiencies: 100% for Nitrate-nitrogen and 66% for Total Phosphorus. (Day et al. 2004)
  - Forested wetland both Nitrogen and Phosphorus were reduced by more than 90%. (Day et al. 2004)

## Summary

- High accretion rates possible with river inputs
- Accretion can outpace subsidence in some areas
- Grain size investigation needed?
- Marshes and forests are efficient in removing nutrients from water inputs
- Below-ground production?

## Fish and Wildlife

Fisheries
- Freshwater
- Estuarine
- Marine
- Oysters
- Blue Crabs

Wildlife
- Waterfowl
- Muskrats
- Alligators

Caernarvon Data – LDNR Chuck Villarrubia

## Fish and Crustaceans

Effects Depend on:
Location of Structure - Freshwater vs. Brackish
Amount of Flow - Structure Size and Type
Duration of Flow Events
Time of Year Structure Open
- Later in Year May Have More Effect
  Water Temperature Effect
- Condition of Organisms
- When Fish and Crustaceans Are Migrating

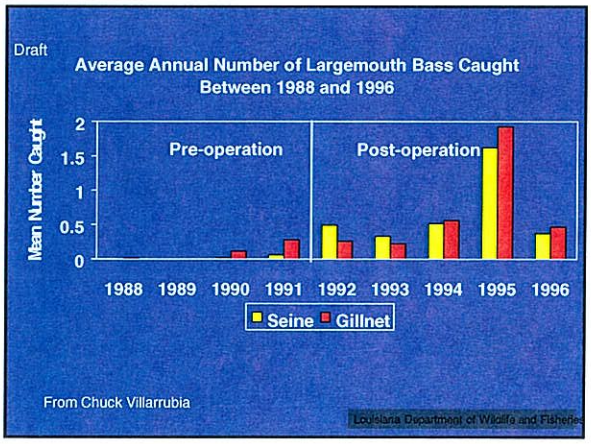
Additional Freshwater Flow From Nearby Rivers
Short-term Versus Long-term Effects
Lack of Consistent Discharge-Creates Variability

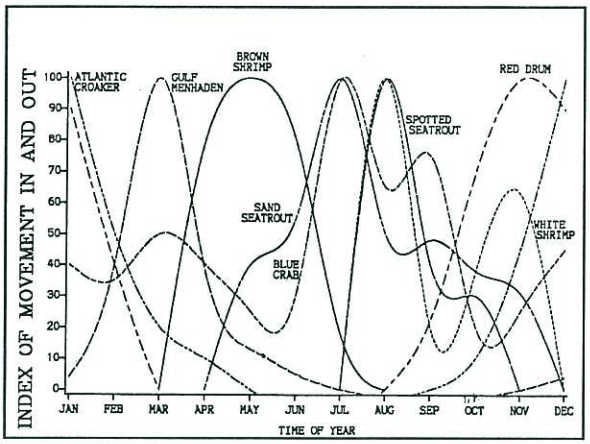
## Freshwater Fish

Diversions May Increase Available Habitat
May Introduce Exotic Species From River
- *bighead carp, grass carp, zebra mussels*

May Relocate Endangered Species From River
- *pallid sturgeon*

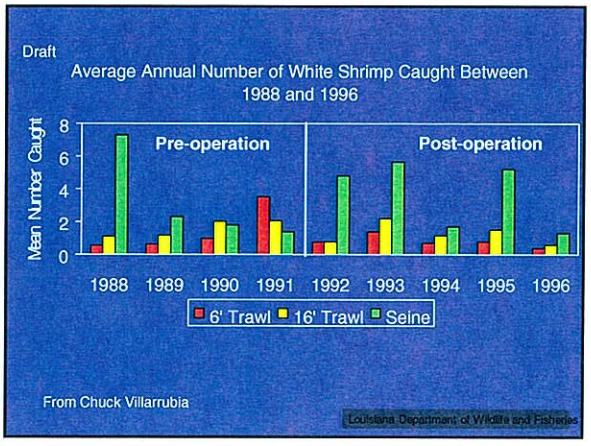
Additional Vegetation May Provide More Cover for Larvae, Juvenile, and Adults
Algal blooms from Excess Nutrients May Cause Fish Kills
Diverting Freshwater Down Old Distributaries and Other Streams and Canals Would Benefit Freshwater Fish

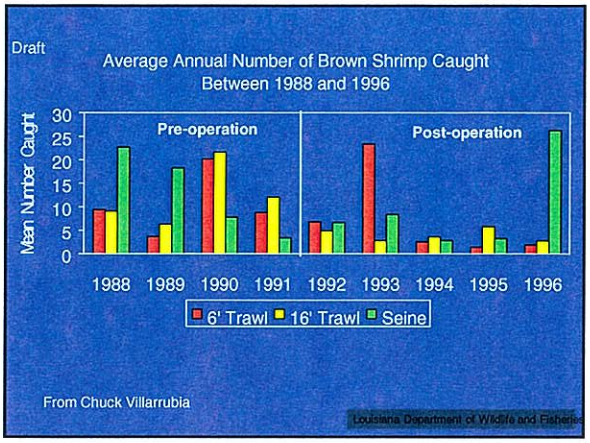





## Estuarine Fish & Crustaceans

- Year-round Resident Species
- Diversions May Increase Available Low-salinity Habitat
- Additional Vegetation May Provide More Cover for Larvae, Juvenile, and Adults
- Algal Blooms From Excess Nutrients May Cause Fish Kills



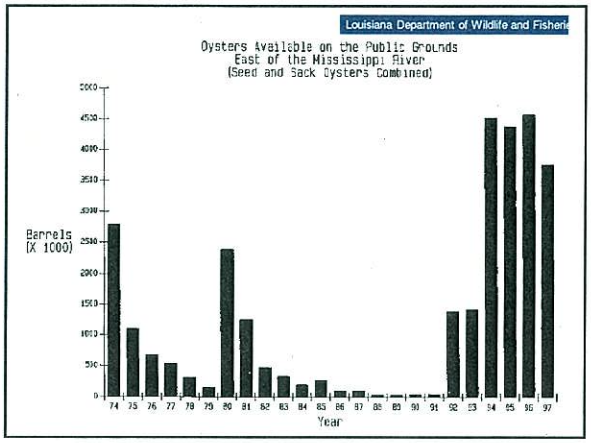


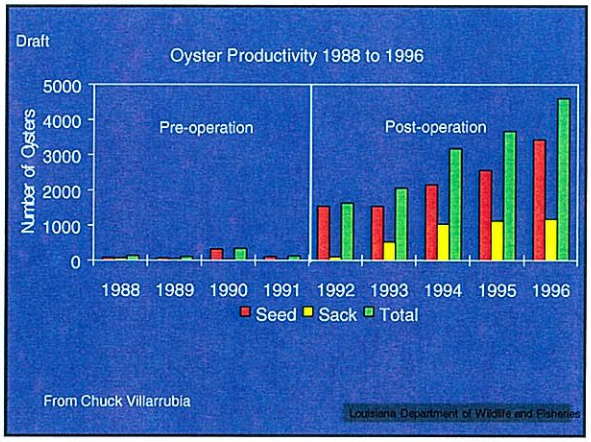

## Marine Species

- Transient Species
- Diversions May Move Some Marine Species Further Out
- Different Species Affected Differently
  - Timing of Migration
  - Salinity Preferences-White & Brown Shrimp, Blue Crabs in Lower Salinities
- May Move Back into Area to Feed – Increased Food Supply After Opening
- Additional Vegetation May Provide More Cover for Larvae, Juvenile, and Adults
- Algal blooms from Excess Nutrients May Cause Fish Kills

## Oysters

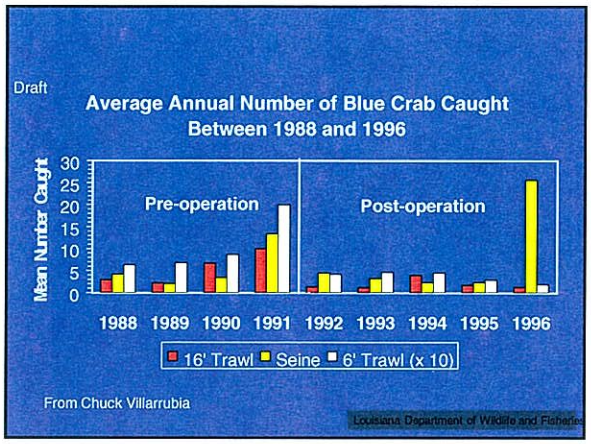
- May Have 100% Mortality of Oysters Near Diversion
- Oysters Away From Diversion - Mortality Depends on:
  - Condition of Oysters
  - Time of Year Open
  - Duration and Volume of Opening
  - Salinities Prior to Opening
  - Freshwater Flow From Nearby Rivers (ex. Pearl River Affects Mississippi Sound Salinities)
- Surviving Oysters May Benefit From Increased Food Supply
- Thick Growth of Young Oysters After Diversion
- Freshwater kills Oyster Predators and Parasites
- Literature Varies on Low Salinity Tolerances for Oysters
- Reduction-Displacement-Enhancement Scenario

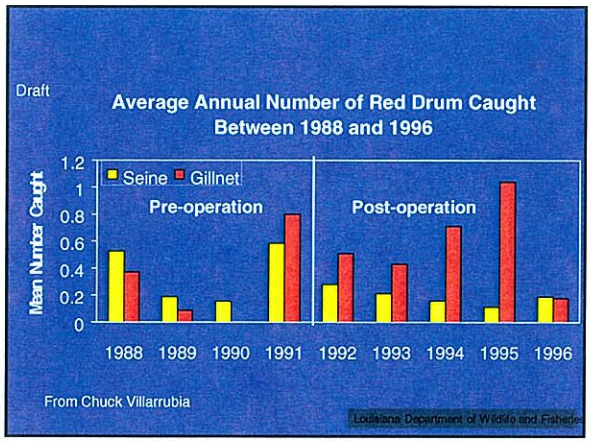


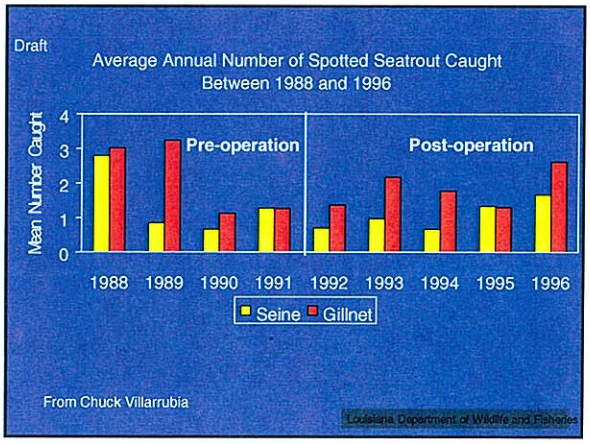




## Blue Crabs

- Numbers may Increase After Diversion
  - More Food Available
  - Heavy Use of Fresher Parts of Estuary
  - Apparent Correlation of Blue Crab Landings with High Mississippi River Discharges and Low Salinities


Draft
Average Annual Number of Blue Crab Caught
Between 1988 and 1996
Mean Number Caught
30
25
20
15
10
5
0
Pre-operation
Post-operation
1988 1989 1990 1991 1992 1993 1994 1995 1996
16' Trawl
Seine
6' Trawl (x 10)
From Chuck Villarrubia
Louisiana Department of Wildlife and Fisheries


Draft
Average Annual Number of Red Drum Caught
Between 1988 and 1996
Mean Number Caught
1.2
1
0.8
0.6
0.4
0.2
0
Seine
Gillnet
Pre-operation
Post-operation
1988 1989 1990 1991 1992 1993 1994 1995 1996
From Chuck Villarrubia
Louisiana Department of Wildlife and Fisheries


Draft
Average Annual Number of Spotted Seatrout Caught
Between 1988 and 1996
Mean Number Caught
4
3
2
1
0
Pre-operation
Post-operation
1988 1989 1990 1991 1992 1993 1994 1995 1996
Seine
Gillnet
From Chuck Villarrubia
Louisiana Department of Wildlife and Fisheries

## Landings

General Trend for Increased Landings (6.4% per year since 1930) - Apparently Contradicts Coastal Wetlands Loss, but have:

- Expansion of U.S. Fishing Industry
- Fishing Technique Improvements
- Expanding Land-Water Interface?

Temporary Reductions in Landings May Occur as Some Fish and Crustaceans Migrate to New Zones of Optimal Productivity

Seaward Shift of Harvest Zone for Some Species

Development of New Fishery – Shad Dipnet Fishery in Tailwaters

## Wildlife

Improved Water Quality and Productivity May Increase Populations

Freshwater Areas Generally More Species Diversity Than Saline Areas

## Waterfowl & Muskrats

*Waterfowl:*

Year to Year Counts Variable

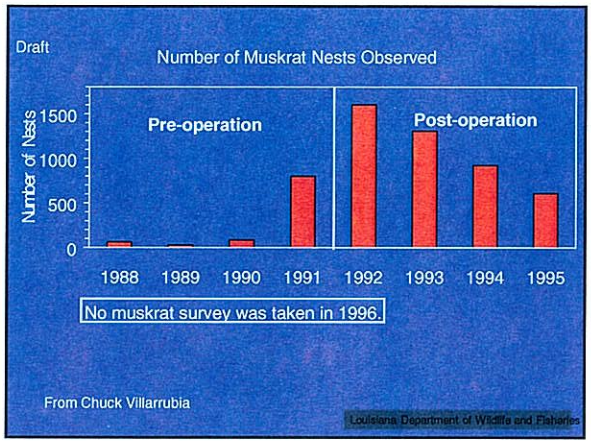
May Increase Available Area

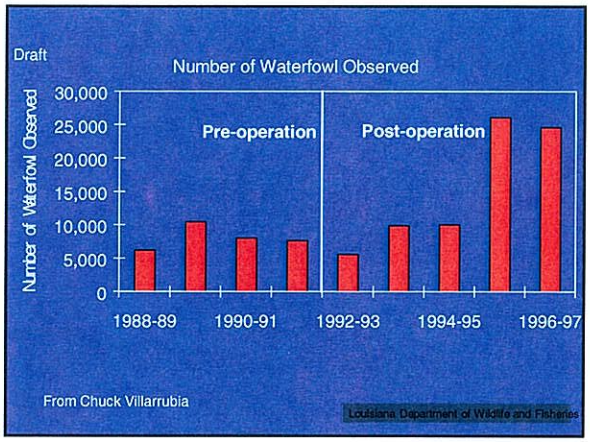
Prefer Fresh to Brackish Areas

Waterfowl Counts Increased After Caernarvon

*Muskrats:*

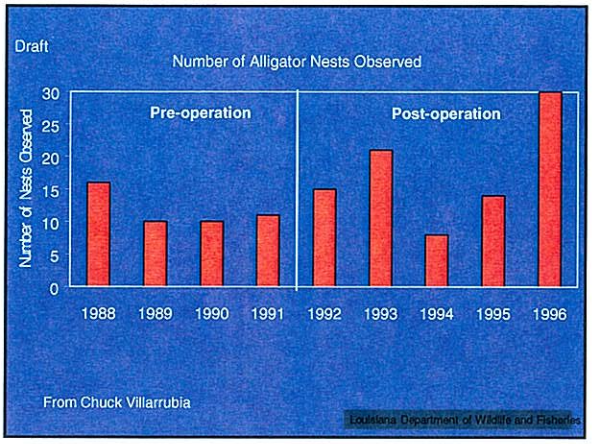
Increase in Numbers After Caernarvon Opening




## Alligators

Increase in Nest Numbers
Mean Numbers Higher After Operation
Expansion of Nest Range – Further South
Numbers Inversely Related to Salinity
less than 10 ppt




## Summarize

Literature – Lot of information, but not necessarily fully focused to develop restoration plans.

"Benchmark Data Points" – How solid are the points we need to use? Develop a method to validate or determine what data points and error bars we can accept.

## Questions

1. What is the goal? What is the planning objective? Marsh Creation? Ecosystem Restoration? Isohalines? Fish and Wildlife?
2. Expectations? How much is realistic?
3. Once goal is established, what are the alternatives, costs, constraints, and trade-offs?

## Challenges

1. What grain size is needed for marsh creation?
2. Can accretion outgain susidence?
3. Where and how to get it?
4. Benefits and Effects?

The Biggest Challenge is not the science, engineering, sediments, vegetation, water flow, H&H, fisheries, etc.

it is to:

Develop a consensus-building process to determine the goal, to develop and evaluate alternatives to reach that goal, and to develop support to fund and construct.

# BRIEFING NOTES

**BRIEFING NOTES**

## Freshwater (and Sediment) Diversions

- Where do we start?
- Literature Search and "brain trust" contacts
- Three weeks of research have yielded 544 documents, and counting.
- Documents are organized in a database by keywords for retrieval and organization
- What do we know and what do we need to learn?
- What are our expectations? Public? Federal? State?
- Planning thoughts

## Key Issues

- Mississippi River and Atchafalaya River System
- Sediment Accretion – Coastal Marsh, Coastal Freshwater Swamps
- Vegetation – Coastal Marsh, Coastal Freshwater Swamps
- Water Quality, Filtering Capacity, and Nutrients – Coastal Marsh, Coastal Freshwater Swamps
- Aquatic Faunal Resources – Fish, Wildlife, and Benthos
- Stakeholder Interests/Concerns

## Mississippi and Atchafalaya River Systems

### Composed of Three Main Reaches

- Reach 1 – Upstream of Old River Control Structure (ORCS)
    - Consists of portion of Lower Mississippi River above the ORCS
    - Tarbert Landing, MS is representative of this reach
- Reach 2 – Atchafalaya River System
    - Consists of portion of Mississippi River diverted by ORCS plus input from the Red River
    - Simmesport, LA is representative of this reach
- Reach 3 – Mississippi Main Stem South of ORCS
    - Consists of portion of the Mississippi River south of the ORCS
    - St. Francisville, Baton Rouge, New Orleans, Belle Chase, English Turn, Head of Passes (HOP) are representative of this reach
    - Could be further subdivided into the reach below New Orleans

## Hydraulic Characteristics

### Mississippi River

- Tarbert Landing, MS (1930 - 2005) (USACE)
    - Average Annual Discharge = 486,000 cubic feet per second (cfs)
    - Average Annual Minimum Discharge = 165,000 cfs
    - Average Annual Maximum Discharge = 1,081,000 cfs
- New Orleans, LA to HOP (1972 - 1992) (UNO, Sogreah, CRC)
    - Maximum Average Discharge (April) = 810,000 cfs
    - Minimum Average Discharge (September) = 100,000 cfs at Simmesport, LA (1930 - 2005)

- How much water is available?
    - The maximum water available for simultaneous diversions is generally limited to **500,000 cfs** in the winter, spring and early summer. Late summer and early fall will generally offer limited to no availability (CPRA, 2007).
    - Total flow for HOP must be maintained at no lower than **250,000 cfs** for navigation and to control the salt water wedge (CPRA, 2007).

### Atchafalaya River

- Simmesport, LA (1930 - 2005) (USACE)
    - Average Annual Discharge = 200,000 cfs
    - Average Annual Minimum Discharge = 41,000 cfs
    - Average Annual Maximum Discharge = 483,000 cfs
- Flow within the Atchafalaya (Mossa, 1990)
    - 69% from the Mississippi River
    - 31% from the Red River
- Modeling (HEC-RAS)
    - HEC-RAS models show that diversion structures will have an impact on river gradients and velocities (Willson, 2008).

## Sediment Load within the Mississippi River?

### Sampling

- 1930's to Present
    - Sediment sampling has been conducted from the 1930's to present throughout the lower Mississippi River system by multiple government agencies and research groups, including The Army Corps of Engineers (USACE) and the United States Geological Survey (USGS).
- St. Francisville, LA
    - St. Francisville, LA sampling station (USGS) is the southernmost permanent long-term sampling location along the lower Mississippi River

## Sediment Makeup

- Two Types of sediments found in the river system
    - Coarse Grained Sediments (Sand, > 0.0625 mm)
        - Fine Sand (0.0625 mm – 0.25 mm)
        - Coarse Sands (0.25 mm – 1.0 mm)
    - Fine Grained Sediments (Silt & Clay, < 0.0625 mm)

## Sediment Transport Types

- Bed Load
    - This represents the component of total sediment load made up of particles moving in frequent, successive contact with the bed. The particles making up the bed load are generally larger in diameter than the suspended load (mostly fine sand in Louisiana).
- Suspended Load
    - This represents the portion of total load that consists of particles moving in continuous suspension within the water column. The suspended *load* particles are generally smaller in diameter than the bed load.
- Near-Bed Load
    - This portion of the total transport load consists of particles that flow immediately above the bed surface, but not in suspension. These types of particles are coarser than the suspended load, except during high discharge periods. This area of sediment load is sometimes referred to as "unmeasured load", because of its perceived result of causing an underestimation in the actual sediment load.
    - Almost all sampling techniques produce either suspended or bed sediment transport results. The near-bed transport has yet to be accurately quantified, which may lead to the overall underestimation of total sediment transport.

**Total Sediment Transport Estimations**

- Cairo, Illinois to Gulf – 170,000,000 tons
    - 170,000,000 tons is transported from Cairo, Illinois to the Gulf of Mexico annually (Thorne, 2000)
- Renewable Sediment Load – 124,000,000 tons
    - A renewable sediment load of 124,000,000 tons currently exists within the Mississippi River (Allison, 2006)
- Approximately 20 % of total sediment load is sand (Allison, 2006).
- Total Sand Load (Suspended + Bed) to Gulf is 20,000,000 tons/yr (Nittrouer, 2006)

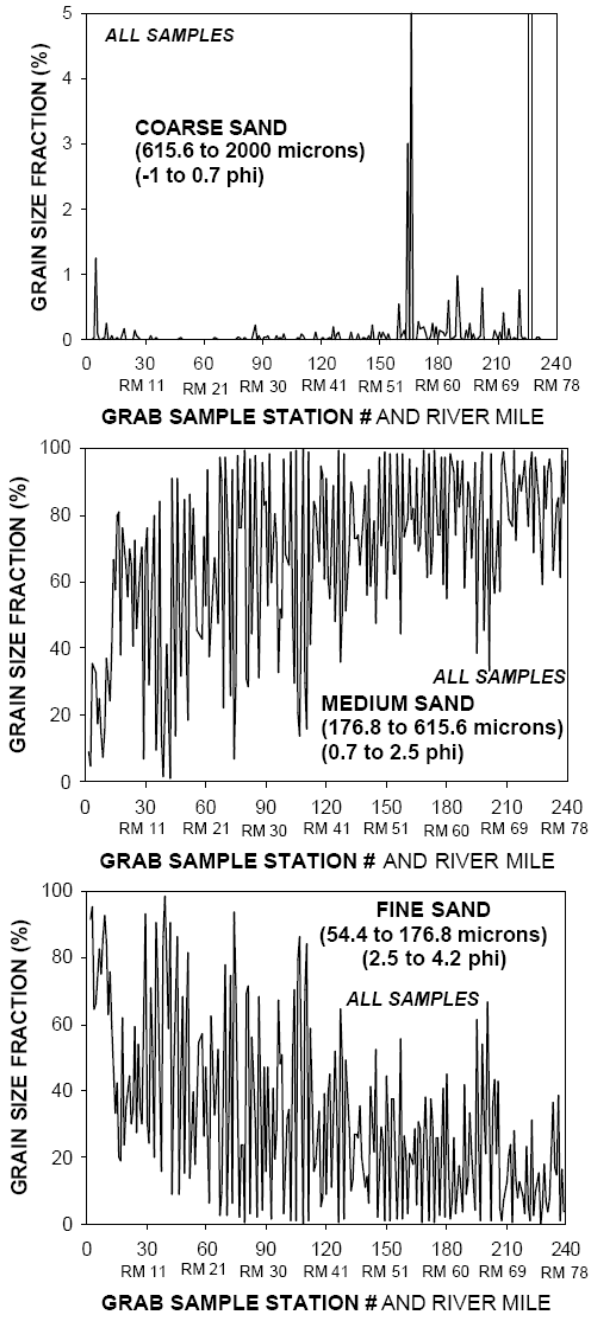
**Suspended Sediment Load Estimations**

- Suspended Sediment Flux (Sand + Fines) = 87,000,000 tons/yr
    - Suspended sediment flux (Sand + Fines) at St. Francisville, LA from 1994 through 2004 was 87,000,000 tons/yr (Horowitz, 2006)
- 94.3 Million Cubic Yards Measured Suspended Sediment
- 18 Million Cubic Yards Unmeasured Sediment
- On average, approximately 94.3 million cubic yards of measured suspended sediments and an estimated 18 million cubic yards of unmeasured sediment load is available for diversion purposes (CPRA, 2007)
- Total Average Suspended Load (Sand + Silt + Clay) is 129,671,000 tons/yr (USACE) (Tarbert Landing, MS '94/'95 – '03/'04)
- Total Average Suspended Load (Sand + Silt + Clay) is 59,061,000 tons/yr (USACE) (Simmesport, LA '94/'95 – '03/'04)
- Peak Suspended Sediment Discharges (March – May)
- 665,000 tons/day – Tarbert Landing (USACE, 2000, 1963 – 1996)
- Approximately 30 % of total suspended sediment load is sand (USACE, 2000)

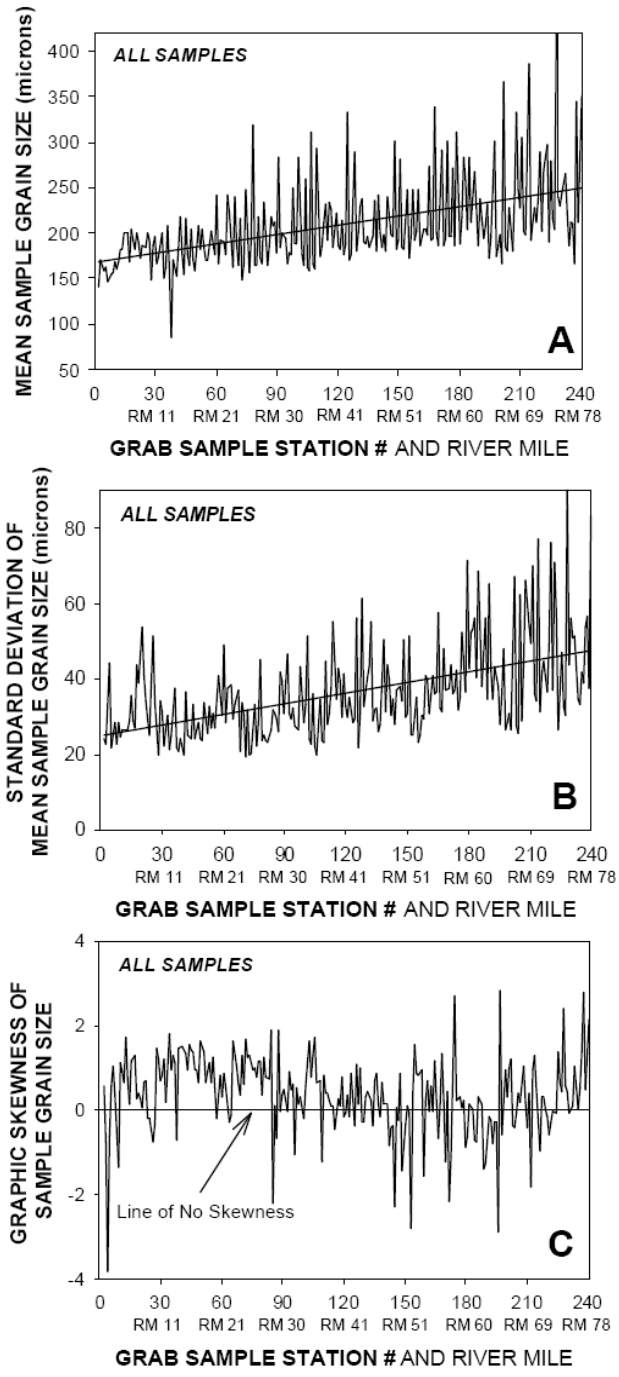
- It is estimated that a suspended sand discharge per year is:
    - 22,600,000 tons/yr – St. Francisville (Nittrouer et al., 2008)
    - 17,600,000 tons/yr – Belle Chase (Nittrouer et al., 2008)
    - 4,000,000 to 6,000,000 tons/yr – H.O.P. (Allison, 2006)

**Bed Sediment Load Estimations**

- It is estimated that a total bedform mass transport of 2,200,000 tons/yr exists in the Mississippi River (Nittrouer, 2008)
- This equates to approximately 2.5% of the observed suspended-sediment discharge for the river (approximately 87,000,000 tons/yr) (Nittrouer, 2008)
- It is also determined that bedform transport is a relatively small component of the overall sand transport budget.
- A trend of overall thinning of sand sheet flow has been recognized below Venice (RM10), as a result of the shallowing and broadening of the river channel as well as the estuarine conditions that affect this reach during low-flow conditions. Another possible reason for the thinning is the removal of active sand from the active sand sheet and its storage in channel deposits such as point bars and battures. It is hypothesized that of the two, that batture storage is the most likely mechanism. Sand grains swept into the shallows are difficult to remobilize, particularly after the batture is stabilized by rapidly growing vegetation, such as willow trees (Allison, 2004).




**Percentage of coarse (upper panel), medium (middle) and fine (lower panel) sand in each of the grab samples taken in November, 2003 and arranged by River Mile**




**Mean grain size (A), standard deviation of mean grain size (B) and graphic skewness (C) of each of the grab samples taken in November, 2003 and arranged by River Mile**

- It has also been determined that some gradation of the sandy sediments occurs down the Mississippi River with a mean grain size that decreases from about 0.230 mm at English Turn to about 0.160 mm at Head of Passes (Allison et al., 2004). This is likely due to a combination of a decreasing ability to carry finer sand in suspension (decreasing bed slope) and the storage of coarse and medium fractions in upstream reaches. More specifically, it is not a case of removal of sand from the actively migrating sheet, but simply dilution of coarser components by addition of fine sand.

**Bed Morphology/River Geometry**

- Varies by:
    - River Depth
    - River Geometry
- River Depth
    - > 35 m (115 ft.) → Exposed older substrate
    - ~ 10 – 35 m (33 – 115 ft.) → Sandy dunes
    - < ~ 10 m (33 ft.) → Recent mud deposits
- River Geometry
    - Straight Reach vs. Bends:
        - It has also been determined that larger deposits of sand beds are found in the straight reaches of the river, while the bends tend to have both cut and depositional banks. The cut banks are found in the concave portion of the bend, while the depositional banks are on the convex portion. The scour portion is due to the increased flow energy that occurs in bends and therefore results in the suspension of the bed material. Sandy beds migrate down the straighter portions of the river only to be suspended in the bends and then settle back down in the next straight segment (Nittrouer et al., 2008 & Allison et al., 2004).

**Changes in sediment load over time?**

**Mississippi River**

- Decreased over the last 100 years?
    - The renewable sediment loads within the Lower Mississippi River system have been reduced over the past 100 years. Kesel et al. (1988) determined that the amount of sediment load declined since before the year 1900 by 43%. He also concluded that the sediment load decreased

once again by 51% from the pre-dam period (1930 – 1952) to the post-dam period (1963 – 1982).

- Dams upstream of river:
    - It was also determined that an overall decrease in suspended sediment size occurred. This is likely due to the addition of dams upstream of southern Louisiana, which only allows the finer sediments to escape. About 3% of the suspended material matter presently confined within the Mississippi River levees would be delivered directly to the wetlands through overbank flooding and crevasses if the levees did not prevent it (Kesel, 1988).

- Changes in land use:
    - Land use changes in the 1800's led to an increase in sediment loading. While these changes have taken place, sediment loads from this period may not be appropriate for comparison, because sediment loading could still be higher than it was 300 years ago.

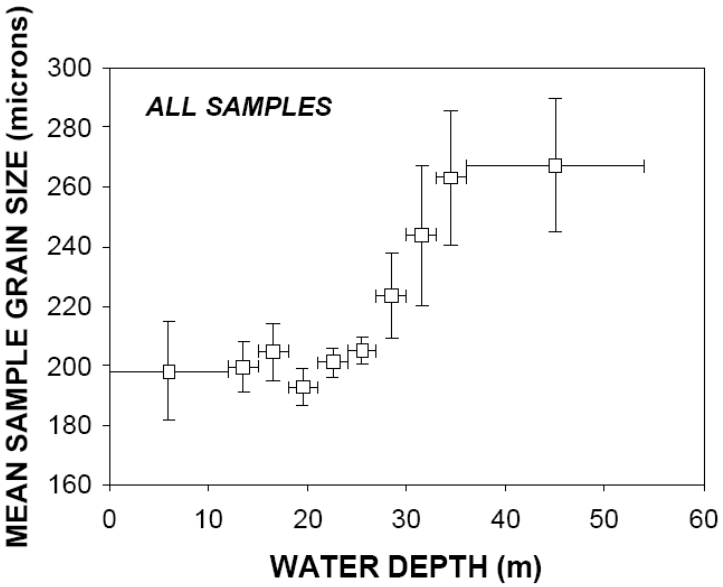
**Atchafalaya River**

- Decreased sediment at Simmesport, LA:
    - Data from Simmesport, LA shows a decline in suspended sediment concentration of 14 mg/l per year from 1952 to 1985 (Kesel and Reed, 1995).

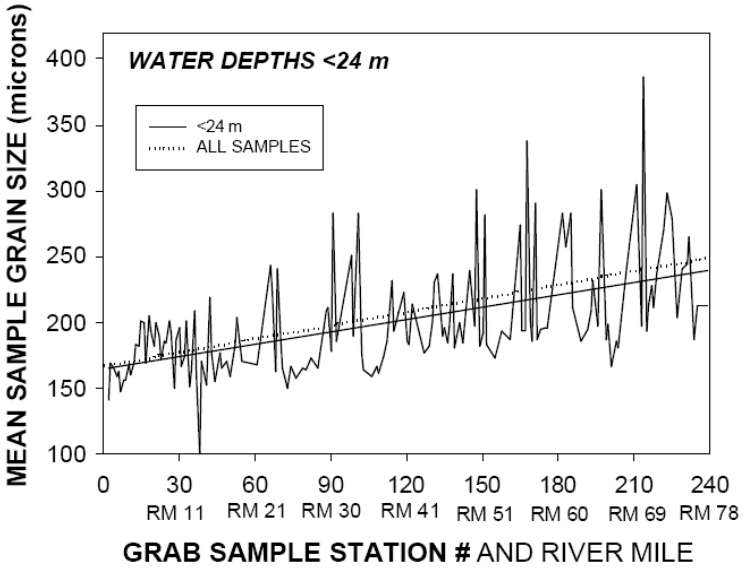
- Increased sediment load in Atchafalaya:
    - However, the volume of sediment reaching Atchafalaya Bay has increased from 87,247,000 tons/year between 1967 and 1971 to 148,210,000 tons/yr between 1973 and 1975 (Roberts et al., 1980). The size of the sediment has also increased, from dominantly silt and clay to silt and fine sand since 1960. This is due to flow in the Atchafalaya being concentrated in a single channel in the lower basin, resulting in scour and reentrainment of bedload during periods of high discharge (Kesel and Reed, 1995).

**What grain sizes are available to build marshes?**

- Mean sediment Size decreases down the river:
    - Mean sediment grain sizes decrease further down the river towards HOP. Mean grain sizes decrease from 0.230 mm to 0.160 mm from English Turn to HOP. It has also been shown that mean grain sizes increase with depth with an average grain size of 0.200 mm in shallow water (0 – 24 m) and increasing to about 0.265 mm in deeper waters (33 m or greater) (Allison et al., 2004).
- What does this suggest?
    - This would suggest that coarser grained sediments are more abundant in the higher reaches of the river in deeper stretches.



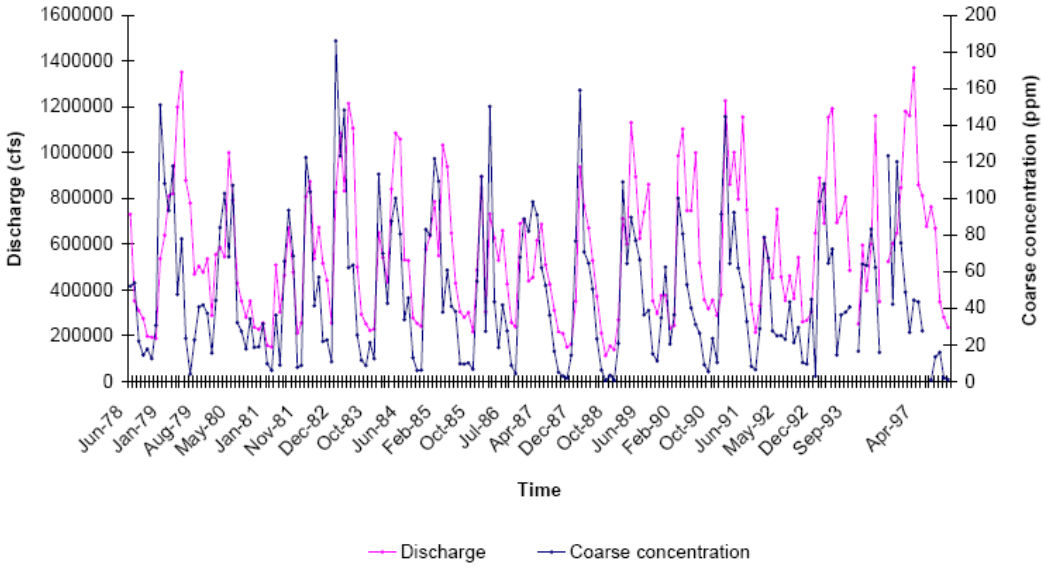

**Mean grain size for all the grab samples collected during the upriver sampling survey in November, 2003 (Allison, 2004)**




**Mean grain size for all the grab samples collected during the upriver sampling survey in November, 2003 (Allison, 2004)**

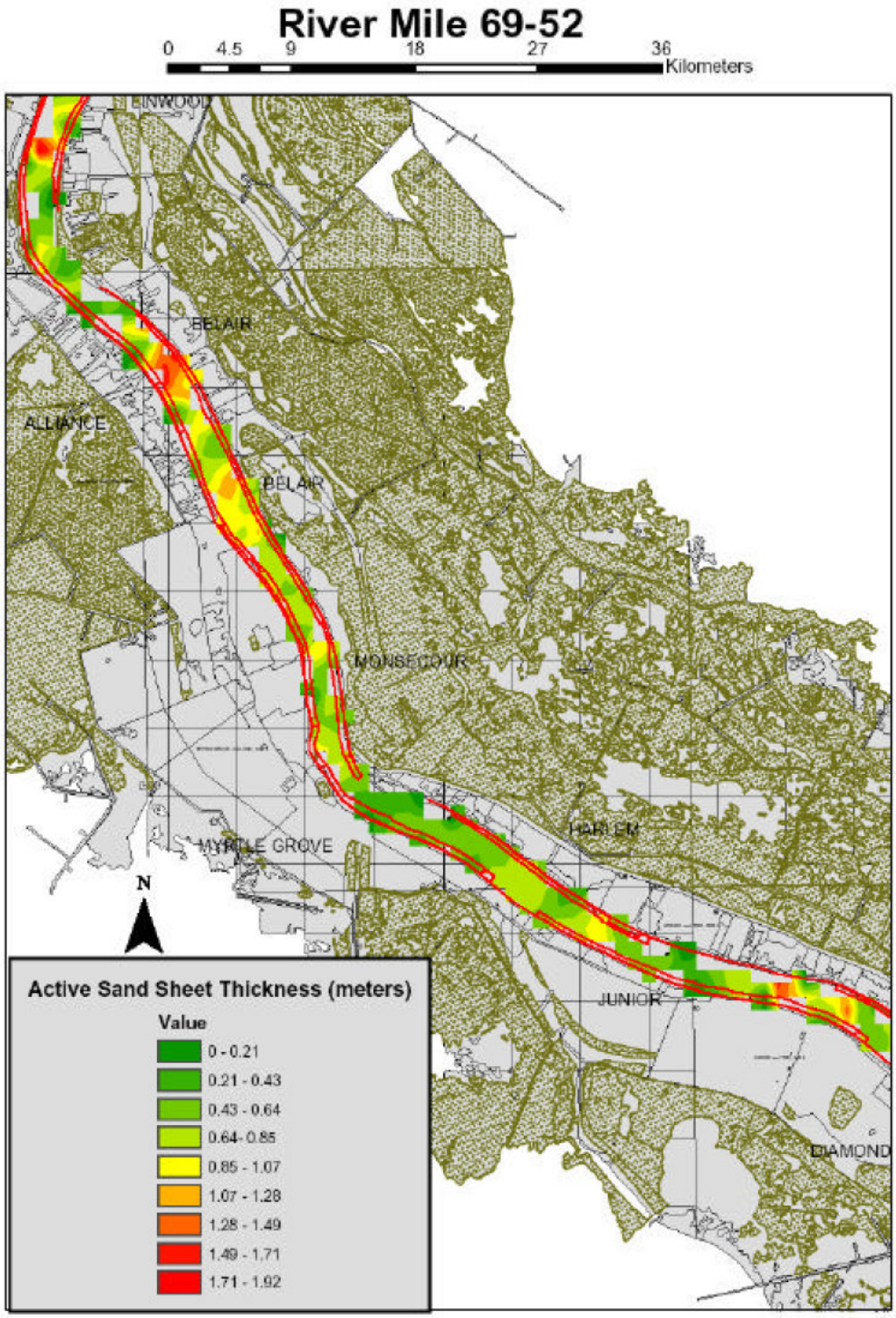
**<u>What is reasonable to divert from the river?</u>**

- Sand Load vs. Discharge:
    - Existing studies show that sand is a component of the suspended load of the Mississippi River at higher discharges, although the percentage of the suspended volume decreases downriver at a particular river discharge (Mossa, 1996). Examination of discharge and coarse suspended sediment concentrations from St. Francisville, LA show that increases in coarse loads are positively correlated with increases in discharge (USACE, '78 – '97)
- Rising Limb:
    - It was also determined that suspended coarse load concentrations peak on the rising limb of the flood hydrograph, prior to the peak in discharge, and decreases rapidly during the falling limb (Thorne, 2000). This can be explained by the fact that, for a given discharge, the energy slope is steeper on the rising limb of the hydrograph than it is during the falling stage (Knighton, 1998).

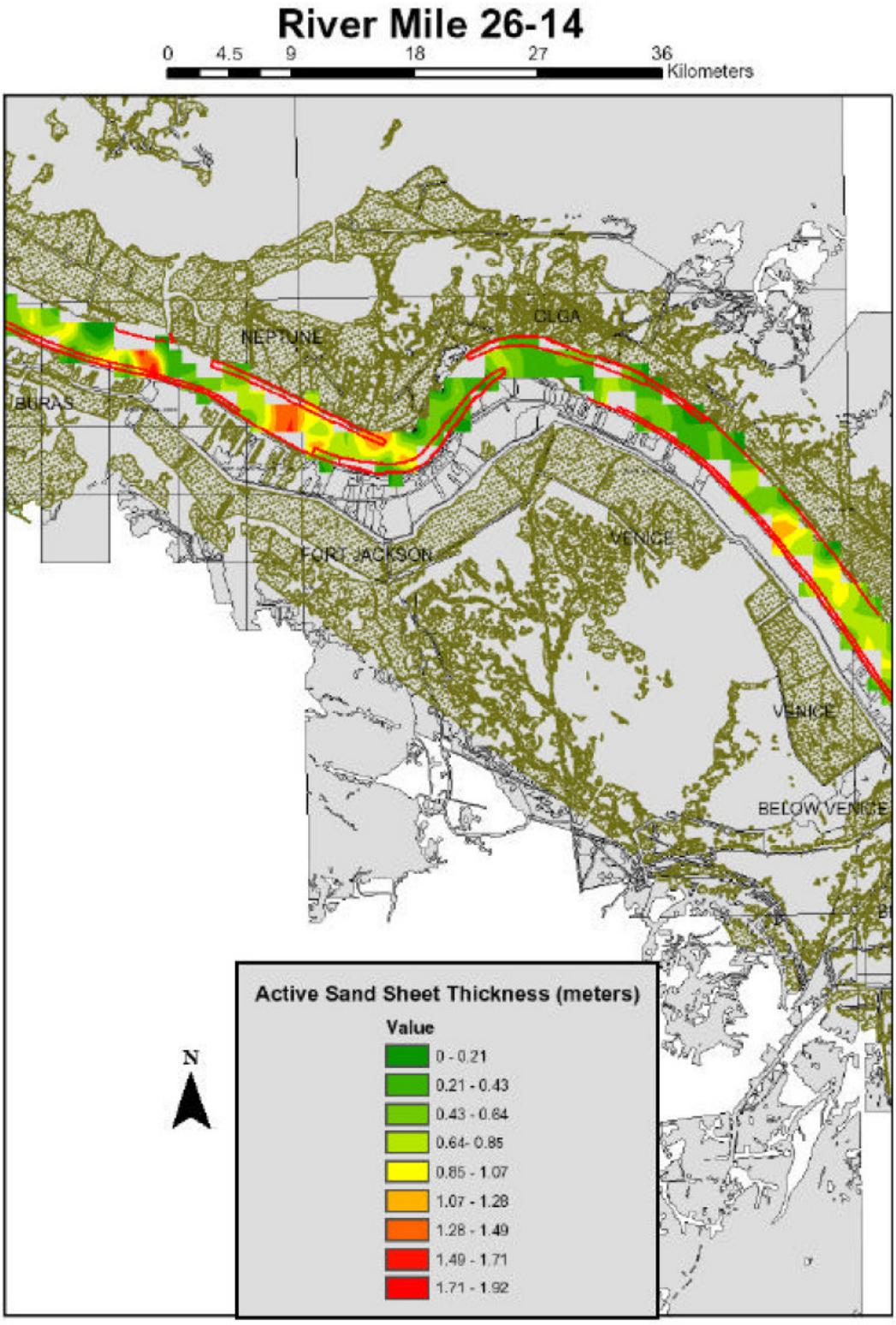



**Where would be the best areas for river diversions?**

- Straight Reaches vs. Bends vs. Depth:
    - According to Allison, 2006, sediments associated with migrating dunes are propelled into suspension within bends before redepositing in the subsequent straight reaches of the river. Areas of the river with depth in the range of 50 - 100 ft. tend to hold dunes that consist of fine to medium sands. Therefore the most medium to coarse grained sand particles would be found in suspension in bends of the river located just downriver of a straight reach that is 33 - 115 ft. in depth. In order to maximize the natural flow energy existent within the bends, a diversion would need to be placed on the concave portion of the bend. Bends tend to exhibit more scour and therefore suspension in the concave portion while a slight amount of particle settling occurs on the convex portion (Nittrouer, 2008).
- Flow periods?
    - It has also been determined that bed form transport ceases during low-flow periods and increases during peak-flow periods. This would suggest that the maximum amount of suspended sediment would be available in these bends during the high discharge months of March through May (Nittrouer, 2008).




**Sand thickness map from CHIRP data for the section of the lower Mississippi River from River Mile 69 – 52 (Allison, 2004)**




**Sand thickness map from CHIRP data for the section of the lower Mississippi River from River Mile 26 – 14 (Allison, 2004)**

**Where would be the best place for mechanical dredging of the river's sediments?**

- Bed material makes a good sediment source:
    - Sand in the lower river channel could also be useful as a potential sand source through mechanical dredging and placement via long-distance pipelines and hopper dredges (Allison, 2004)
- Other potential areas of sediment:
    - Point bars within the river
    - Maintenance dredging operations
    - Sand deposits along the batture on the channel-side of artificial levees

**What method are available for river modeling?**

- HEC-RAS (Tony Thomas) HEC-6T
    - 1-D Hydraulic Calculations
- FVCOM (UNO, ULL)
    - Finite Volume Coastal Ocean Circulation Model (3-D)
    - Momentum, Salinity, Temperature, etc.
- ADH (2D) (Willson – LSU)
    - Adaptive Hydraulics (2-D or 3-D)
    - Open Channel Flow \
- Desktop Delta Model
    - Excel-based
    - 2-D Deltaic Sedimentation Model

**What data gaps exist?**

- Permanent long-term sampling below St. Francisville, LA:
    - No permanent, long-term, suspended sediment sampling stations exist below St. Francisville, LA. (Allison, 2004)
- Further analysis of bed load:

- "We could argue that the location, design, and periods of operation for future river diversion structures that would capture the migrating bedload sand sheet and carry it to adjacent wetlands is limited due to our lack of understanding about the location and volume of sand stored on the lower Mississippi River and the rate that it is transported downstream" (Allison, 2004)

- If bed load in the Mississippi River also moves in pulses this could help in explaining spatial and temporal bed material trends in the data records. These records, therefore, provide huge research potential for identifying pulses and trends, but sustained and detailed analysis will be required to unlock the information the records contain (Thorne, 2000).

- It is strongly recommended that consideration be given to a trial or pilot program to measure bed material load in the Lower Mississippi River in order to ascertain the contribution of bed load to bed material transport responsible for driving morphological evolution and response of the fluvial system (Thorne, 2000).

- Lag between Peak Discharge and Peak Suspended Sand Load:

  - Further analysis of the lag between suspended coarse sediment concentrations and discharge peaks needs to be examined (Torne, 2000).

- Are Long-Term Sediment Reductions Occurring?

  - The reduction in sediments over the past fifty years cannot be commented on because identification of a reduction depends on using data that predate the availability of measurements using current techniques (Torne, 2000).

## Recommendations?

### General

- Deepen Diversion Channels:

  - Deepening of the channel would only aid navigation, and upstream capture of a significant portion of the sand sheet moving toward the Gulf would decrease the frequency of dredging required from the distributary mouth bars at the Gulf passes. Channel deepenings necessary to capture the sand sheet (a few meters) would not significantly increase saline wedge penetration upriver (Allison, 2004).

- Further data collection:
    - It is therefore, imperative that data collection continues for the foreseeable future to support analysis and prediction of the morphological evolution of the river over periods of 50 to 100 years (Thorne, 2000).
- Further collection technique analysis:
    - Changes to collection procedures must ensure that the data collected are suitable for the purposes for which the program is designed.

      Data collection should be organized to optimize the usefulness of the product and this infers regional coordination of sampling programs across the USACE Districts and USGS offices responsible for field measurements (Thorne, 2000).
- Catastrophic or Extreme Events

  It has been recognized that catastrophic events such as floods and periods of high-discharge can be the primary influence in sediment transport and aquatic habitat. These events tend to be highly episodic and relatively short in duration. Therefore it is recommended that sediment sampling of the river not only be emphasized on a periodic basis, but also at specific times, such as during the extreme environmental conditions in which sediment transport would be at it most abundant state.
- Development of a strategic, advanced sampling program:
    - The existing records result from routine sampling of the river and consequently contain abundant data on average and intermediate discharges. However, rarely does a routinely scheduled measurement coincide with a high flow event. In fact, records based on routine measurements almost certainly underestimate the true transport of sediment, especially in the coarser size fractions responsible for driving morphological changes. It is recommended that serious consideration be given to development of an advanced, strategic sampling program for the Lower Mississippi River to replace the present routine sampling program (Thorne, 2000).
- Gradation Analysis:
    - It is recommended that in the future, the size gradations of all measured suspended sediment load samples be determined. It is further recommended that sediment transport and bed material sampling records are re-examined to determine if gradation data for suspended load can be synthesized from bed material gradations. If this were to be possible,

the historical bed material gradation records for the Vicksburg District should be used to generate suspended load gradations (Thorne, 2000).

**River Diversions**

- Mimic Natural Crevasses:

    - Existing river diversions (e.g., Davis Pond, Caernarvon) have been designed to divert water and suspended sediments, and hence, have a demonstrated a limited land-building capability. However, diversions could be designed to capture and divert significant amounts of sand outside the channel, utilizing the river's energy to drive the transport. These sands could provide a stable substrate for marsh growth in shallow open water settings in Barataria Bay or Breton Sound. While extensive design testing would be necessary, several initial constraints can be provided from the results of the present study. Sediment diversions would likely perform best if they mimic the behavior of natural crevasse splays that occurred along the river prior to artificial levee construction. Natural crevasse exit channels are deep. This is necessary to capture significant sand, since the thickest portion of the sand sheet (moving as large bedforms) is in water depths >20 m. Natural crevasses have a relatively short life span (decades) due to shallowing of the exit channel as elevation increases progressively beyond the exit channel. The riverine end of the diversion would need to be oriented upriver or river-oblique to intercept significant sand moving in a downriver vector. Finally, the design would have to retain significant energy flowing through the river end of the sluice or tunnel (if roofed) to avoid settling of significant suspended muds (fluff) during the low discharge (low energy) period of the year (Allison, 2004).

    - On average, there are about 94.3 million cubic yards of measured suspended sediments and an estimated 18 million cubic yards of unmeasured sediment load available for LCCPMP purposes. Suspended sediment can be captured and used by diversions. However, diversions must have deep intakes and be located in sediment-rich areas of the river to divert the unmeasured bedload (CPRA, 2007).

- Multiple Diversions:

    - Multiple diversions from the river must be coordinated so that maximum benefit from the available sediment and fresh water is obtained (CPRA, 2007).

    - We need to consider the potential benefits of multiple smaller diversions, as opposed to a few larger ones. Smaller diversions can be constructed quickly and may allow for added flexibility in terms of operation (Raynie, 2002).

- Capacity:
    - There should be much more diversion capacity built than can be diverted at any given time to allow pulsing and timing of the diversions for land building and habitat benefits (CPRA, 2007).
- Modeling:
    - SSPM can be used to qualitatively and semi-quantitatively investigate the bulk downstream transport of sand and the transport through diversions (Willson, 2008).
    - Desktop Delta Model can be a useful tool for estimating land building capabilities of diversions (Willson, 2008).
    - Advanced hydrodynamic and sediment transport models along with high performance computing should be utilized to for high-resolution spatial and temporal modeling (Willson, 2008).

**Mechanical Dredging**

- Supply:
    - The most pressing "supply side" issue for pipeline or dredge removal of sand for coastal restoration is whether sufficient sand is available in the active sand sheet to make its use as a sand source for diversions or pipelines feasible. The results of the present study suggest that maximum volumes of sand available for pipeline or dredge collection in the lower Mississippi River are about 2,385 kg/$m^2$ (3,137 short tons/$yard^2$) assuming a layer of 2 m thickness and 55% porosity and a sediment grain density of 2.65 g/$cm^3$. Sand volumes of this magnitude are likely insufficient for large-scale restoration efforts. In small-scale projects, dredging or pipeline work should be conducted at low discharges, when maximum volumes of sand are stored on the channel floor since little or no sand is in suspension at this time. Even if sufficient sand is available, projects such as barrier replenishment may be limited by the relatively fine-grained nature of the sand in the lower river (Allison, 2004).
- Capture Areas?
    - To supply large-scale pipeline or dredging operations, it may be possible to design semipermanent concrete berms (earthen designs are used by the USACOE at extremely low discharge to limit upstream salt wedge migration) that could be laid on the channel floor to concentrate larger volumes of sand per unit area on the upstream side. Similarly, small depressions incised into the relict channel floor at mid-water depths (24-36 m) might also be expected to trap sand. One problem with these concepts is that the rate of downstream transport of sand in the river by bedload and suspension advection, which was not addressed in the

present study, is virtually unknown for the lower Mississippi River. This makes it difficult to estimate how fast sand "traps" would be filled or replenished after sand is removed. However, studies are underway in our laboratory in Tulane University using repeat multibeam bathymetric surveys to examine rates of bedform migration in the lower river (Allison, 2004).

- Potential Areas for Mechanical Dredging:

    - The most effective way to utilize the bedload is by direct delivery/dredging or very large diversions near the mouth of the river. Analysis of river charts show potential reaches that may be considered for dredging. In many cases, however, barge and boat anchorages occur in the reach, which either eliminates the reach from consideration or shortens the length of the possible dredging areas, although it may be possible to do some limited dredging in some of anchorage areas at times. A number of potential reaches were identified. Information in the Table below notes the potential reaches identified by right or left descending bank and river mile. They are listed from upstream to downstream in direction, and an estimate in miles is shown for the length of each source. In total, four reaches on the right descending bank and six reaches on the left descending bank were identified. The total cumulative length of potential borrow reaches is 26.5 miles. Dredging could be conducted in each area annually, and the excavated area would refill during the next high water period. That scenario depends on the magnitude and duration of high water periods. Annual river maintenance operations would provide information that aid in establishing annual available magnitudes (CPRA, 2007).

**Potential Reaches for Mechanical Dredging**

1. Left descending bank, River Mile 61.5 to 60.3 ------- 1.2 Miles
2. Left descending bank, River Mile 55.0 to 52.3 ------- 2.7 Miles
3. Right descending bank, River Mile 51.3 to 49.5 ----- 1.8 Miles
4. Left descending bank, River Mile 44.0 to 43.0 ------- 1.0 Miles
5. Left descending bank, River Mile 40.0 to 35.0 ------- 5.0 Miles
6. Right descending bank, River Mile 34.0 to 32.3 ----- 1.7 Miles
7. Left descending bank, River Mile 31.0 to 25.0 ------ 6.0 Miles
8. Right descending bank, River Mile 24.2 to23.0 ------ 1.2 Miles
9. Left descending bank, River Mile 22.0 to 20.0 ------- 2.0 Miles
10. Right descending bank, River Mile 19.0 to 16.0 ----- 3.0 Miles

TOTAL ---------- 25.6 Miles

4 areas – right bank
6 areas – left bank

**Lessons Learned from Existing Diversion and Siphon Projects (Raynie, 2002)**

- Security:
    - Additional security needs to be implemented to protect against vandalism. Vandalism on some diversion structures significantly affect the projects ability to operate at the specified requirements.
- Benchmarks:
    - Specific project goals and benchmarks need to be quantified (land loss, salinity levels) in order to more accurately determine a diversion's effectiveness.
- Gated Structures:
    - Gated outlet structures need to be considered, when possible, due to the added control of water flow achieved. Siphon structures tend to lose prime. Controlled structures would allow for periodic flow during the optimal periods for diversion effectiveness.
- Reference Areas need to be designated:
    - Reference areas need to be designated for all projects in order to quantify and qualify the effectiveness of all diversion projects.
- Installation of Permanent Instrumentation Stations:
    - Permanent instrumentation needs to be utilized to gather flow data for existing diversion projects rather than data gathered by diversion operators on a non-regular basis.
- Minimize the Opportunity for Litigation:
    - We need to try and minimize or eliminate the potential for litigation and conflict which leads to the failure to properly implement a proposed diversion project.

**Sediment Accretion - Coastal Marsh**

- What are the subsidence rates?
    - Subsidence rates: 4 cm/yr birdsfoot delta (Cahoon et al., 2002), 1.8 cm/yr (Ford, Cahoon, Lynch, 1999)
    - Chenier Plain =2 cm/yr (Sabine NWR, Ford pers. comm.)
    - Pearl River = 2.26 cm/ yr (Ford and Grace, 1998)
- What grain size and amount is needed?
    - Sand, overbank sediment loads from 1927-48 = 0.25 mm/yr over 10,000 sq km(estimated area of overbank flow downstream from Baton Rouge prior to 1900) (Kesel 1989b)
    - Based on water year 1990 - 1996, the average daily measured suspended sediment load at Tarbert Landing, MS is 380,000 tons/day; the daily measured suspended sediment load varies from 31,000 tons/day to 1,400,000 tons/day. The suspended sand load is approximately 30 percent of the measured suspended sediment load. (CWPPRA, 2000)
    - Grain size at West Bay are medium to fine silts (Andrus, 2007)
- What are reasonable accretion rates to be expected?
    - Accretion Rates:
        - Birdsfoot delta:12 cm/yr (Cahoon et al 2002), 6.9 cm/yr (White, 1989), 0.49 cm/yr to 1.25 cm/yr (Moerschbaecher, 2008), 6.4 cm/yr (Ford, Cahoon and Lynch 1999)
        - Pearl River: 2.5 cm/yr (Ford and Grace 1998)
        - Chenier Plain: 0.8 cm/yr (DeLaune, 1983), 0.79 cm/yr (Kesel, 1989), 1.3cm/yr (Ford, pers. comm.)
        - Caernarvon: 0.55 cm/yr to 1.11 cm/yr (DeLaune 2002)
        - Coast wide average 0.8-1.1 cm/yr (Nyman, 2006)
    - Historically, prior to 1900, vertical accretion was 1.2 mm/yr (Kesel,1989)
- Can accretion rates exceed subsidence rates? Sometimes, location and sediment source are critical factors:
    - At West Bay, no discernable increase in elevation from 2003-06 (Andrus 2007)
    - Pearl River net gain 0.24 cm/yr (Ford and Grace, 1998)
    - Birds foot Delta: 8 cm/yr net gain at crevasse site (Cahoon et al, 2002), 4.6 cm/yr (Ford, Cahoon, and Lynch, 1999)

- Can the net gain outpace sea level rise? Accretion outpaces SLR most places, based on accretion and subsidence data listed above.
- Can we mitigate storm surge damage? Inconclusive

**Sediment Accretion - Coastal Freshwater Swamps**

- Subsidence and stagnation are major problems (Shaffer, pers. com.).
- Need freshwater inflow for flushing and nourishment (Shaffer, pers. com.)

**Nutrient Filtration - Coastal Freshwater Swamps**

Input of secondarily treated municipal effluent into freshwater wetland ecosystems:

- Productivity:
    - Mean net primary production at outfall was measured at 1202g/$m^2$ compared to control site at 799g/$m^2$. (Brantley et al., 2008)
- Filtration Capacity:
    - Nitrogen and Phosphorus removal efficiencies were as high as 75% and 95%. (Brantley et al., 2008)
    - Effluent inflow to outflow (1600 m) removal efficiencies: 100% for nitrate-nitrogen and 66% for total phosphorus. (Day et al., 2004)
    - Forested wetland both Nitrogen and Phosphorus were reduced by more than 90%. (Day et al., 2004)
- Accretion due to organic inputs:
    - Rates were double the rate of RSLS. (Brantley et al 2008)
    - Rate increased from 0.78 cm/yr to 1.14 cm/yr. (Day et al., 2004)

**Vegetation - Coastal Marsh**

- Need stable soils for establishment
    - Bulk Density must be greater than 0.11 g/$cm^3$ , 0.30 g/$cm^3$ desired (DeLaune 2002)
- More marine – more inorganic, marine area need more inorganic substrate
- Increase in bulk density will lead to increased productivity (Twilley & Nyman 2005)
    - Below-ground production was approximately seven-fold that of above-ground production in the **low** fertility treatments, compared to approximately three-fold difference in the **high** fertility treatments.(Twilley and Nyman 2005)

- Live belowground biomass ranged from 17890 g/m2 to 1920 g/m at Caernarvon (Moerschbaecher 2008)
- There was a more decomposed substrate in Penchant marshes compared with Barataria marshes (Swarzinski et al 2008)
- At Brant's Pass, 3 years post sub aerial emergence, vegetative standing crop was 1,194 gm/$m^2$. 62 species had colonized. Below-ground biomass was 1,212 gm/$m^2$. (White, 1989)
- Caernarvon: 3,818$gm^{-2}$ to 12,020$gm^{-2}$ upper sites, 3,965 $gm^{-2}$ to 12,331 $gm^{-2}$ in the lower sites (DeLaune 2002), 423 g/m2/yr at mid to 1515 g/m2/yr at far (Moerschbaecher 2008)

**Nutrient Filtration - Coastal Marsh**

- What are nutrient loads and removal rates?
  - Nutrient level in mineral sediments will affect production (Twilley and Nyman 2005)
  - Removal from pulse event: 44% nitrogen, 57% nitrate, 23% phosphate (Day et al 2003)
  - Denitrification is primary removal pathway for nitrogen (Mitsch et al 2003)
  - Decrease in residence time keeps algal blooms down (Hyfield et al 2008, Wissel, Grace and Fry 2005)
  - Sulfide concentrations in porewater were twice as high in Penchant compared with Barataria marshes (Swarzinski et al 2008)
  - No loading or removal data prior to 1800 (Wissel, Grace and Fry 2005)
- Elevation of sedimentation critical
- Suggest: Sediment placement, then nourish with freshwater diversion. We can build marsh fast through beneficial use of dredged materials and piped sediments. These areas can be kept healthy long-term with diverted river waters.

## Aquatic Resources – Fish, Wildlife, and Benthos

### Caveats

- Most of the information on fish effects was found in papers and reports on the Bonnet Carré Spillway. Some papers on Caernarvon containing pre- and post-operation fish and wildlife information were found. Pre-operation information on Davis Pond and a little post-operation information were found on fish and wildlife. Some information was derived from general diversion effects papers.

### Effects depend on:

- Location of structure (e.g., if discharge opens into freshwater marsh versus brackish marsh
- Duration of flow events-for structures that only discharge during certain months or certain years (Bonnet Carré Spillway, Caernarvon)
- Amount of flow-related to size and type of structure-larger freshwater diversions can cause basin-wide fisheries redistribution (Bonnet Carré Spillway)
- Time of year structure is open-later in the year may have more of an effect than earlier in year (Bonnet Carré Spillway, Caernarvon), water temperature effect, condition of organisms, during migration periods
- Additional freshwater flow from nearby rivers concurrent with diversion discharge (e.g., Bonnet Carré Spillway plus the Pearl River)
- Short-term versus long-term effects-Caffey and Schexnayder 2002
- Lack of consistent discharge-creates variability

### Freshwater Fish

- Freshwater from diversions may:
    - Freshwater from diversions may increase available habitat for largemouth bass, etc.- (e.g., Caernarvon)-LDNR 2002
    - May introduce exotic species from the Mississippi River (e.g., bighead carp, grass carp, silver carp, zebra mussels)-Bonnet Carré Spillway (LDWF 2009, Richard Boe 2008 pers. comm.)
    - May relocate endangered species from the Mississippi River (e.g., pallid sturgeon, etc.)-Bonnet Carré Spillway, proposed diversions (Kilgore, et al. 2008)

- Excess nutrients from river water may result in algal blooms which may cause fish kills (e.g., Bonnet Carré Spillway, Caernarvon)-Lane et al. 2001, Rabalais 1997)

- Diverting freshwater down old distributaries and other streams and canals would benefit freshwater fish (e.g., Bayou Lafourche, Violet Canal, Bayou Manchac, etc.)

**Estuarine Fish & Crustaceans**

- Year-round resident species
- Diversions may increase available low-salinity habitat
- Additional vegetation may provide more cover for larvae, juvenile, and adults
- Algal blooms from excess nutrients may cause fish kills

**Marine Fish and Shrimp**

- Transient species
- Some marine species may be moved further out
- Effect depends on species:
    - White shrimp, redfish, and spotted seatrout catches generally increasing post-operation at Caernarvon (e.g., brown shrimp may be more affected by diversions)-Roberts et al. 1992)
    - Another study showed spot populations shifted away from the structure, blue crabs shifted slightly towards the structure, white shrimp were slightly more abundant closer to and further away the structure
    - Some studies show Bonnet Carré Spillway had little to no effect on many species-USACE 1998, USACE 2009
- Species migrating into the estuary during discharge may be more affected (e.g., brown shrimp)-Roberts et al. 1992

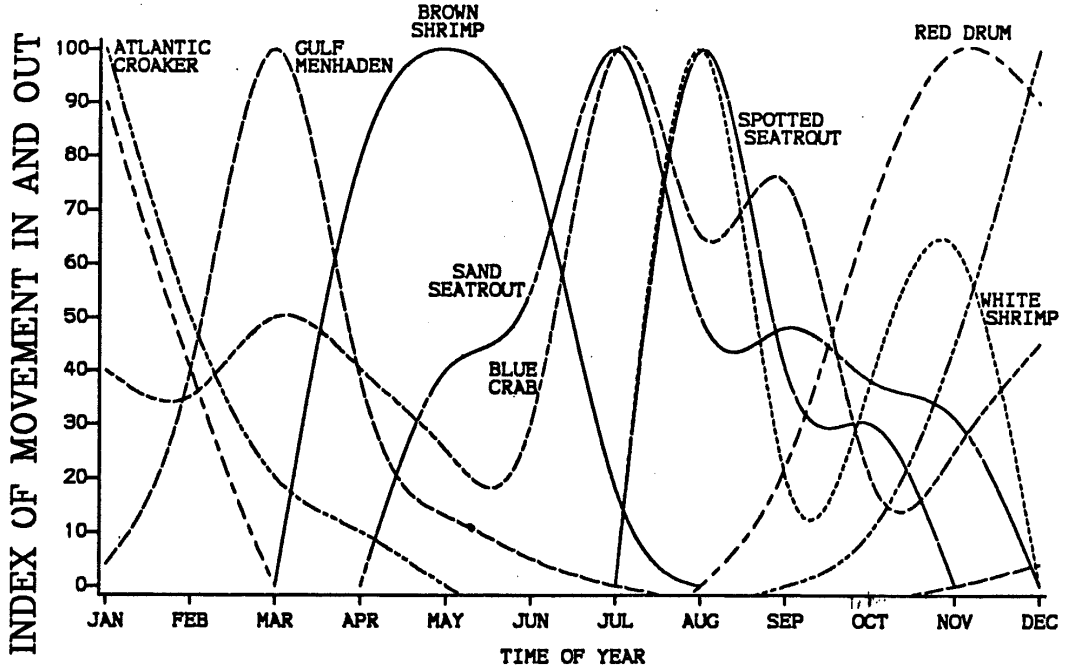



**Figure 2. Approximate period of movement (in and out combined) through the canals between the marsh and Calcasieu Lake, and eventually the Gulf of Mexico, by the young-of-the-year of eight important species. A value of 100 on the index equals the period of maximum movement for that species. During the entire Sabine Fisheries Study, members of 117 fish and 12 crustacean species were caught.**

- Salinity preferences-white and brown shrimp, blue crabs go into low salinities-Guillory 1999
- Colder water may affect production of some species-cold river water will reduce brown shrimp production at Caernarvon-Roberts et al. 1992
- When flow is reduced may move back into area to feed and benefit by increased food supply- Bonnet Carré Spillway, Caernarvon
- Additional vegetation may provide more cover for larvae, juveniles, and adults
- Algal blooms may cause fish kills-Bonnet Carré Spillway, Caernarvon

**Oysters**

- May have near 100% mortality in oyster beds near diversion-Bonnet Carré Spillway, Caernarvon-Caffey and Schexnayder 1999
- Mortality of oysters away from diversion depends on oyster condition, time of year
- Open, duration and volume of water, prior salinities, freshwater flow from nearby rivers- Bonnet Carré Spillway, Caernarvon

- Surviving oysters away from diversion, after closure, may benefit by increased food supply Bonnet Carré Spillway, Caernarvon

- Thick growth of young oysters after diversion-Gunter 1952

- Freshwater kills predators such as boring clams, boring sponges, mudworms, oyster borer, and likely the oyster parasite dermo -Bonnet Carré Spillway, Caernarvon

- Variability in literature of low salinity tolerances of oysters

- Reduction-displacement-enhancement scenario

**Blue crabs**

- Numbers may increase after diversion due to more available food -Bonnet Carré Spillway, Caernarvon

- Heavy use of fresher parts of estuary -Bonnet Carré Spillway, Caernarvon

- Crab landings appear to be correlated with high Mississippi River discharges and low salinities-Guillory 1999

**Landings**

- General trend for increased landings (6.4% per year since 1930):

    - This trend apparently contradicts coastal wetlands loss, but have:

        - Expansion of U.S. fishing industry over time

        - Fishing technique improvements over time

        - Expanding land-water interface which may increase landings (Browder et al. 1989)

- Temporary reductions in landings may occur as some fish and crustaceans migrate to new zones of optimal productivity

- Seaward shift of optimal harvest zones for some species

- Development of new fisheries in tailwaters (e.g., shad dip net fishery Caernarvon)

**Wildlife in General**

- Improved water quality and productivity in area may increase populations (e.g., Caernarvon, Davis Pond)-LDNR 2003
- Wildlife is generally more abundant in the fresher habitats (swamp, fresh marsh, intermediate marsh) (e.g., Caernarvon, Davis Pond)-LDNR 2003

**Waterfowl**

- Year to year counts variable
- May increase available area-generally prefer fresh to brackish areas (especially dabbling ducks) (e.g., Caernarvon)-LDNR 2003
- Counts increased 100% Caernarvon post-operation
- Post-operation 88% in brackish and intermediate marsh (67% pre-operation) (e.g., Caernarvon)
- Generally decreasing trend post-operation Davis Pond but only limited operation-LDNR 2005

**Muskrats**

- Numbers increased after Caernarvon operation-LDNR 2003

**Alligators**

- Number of nests have increased near Caernarvon-LDNR 2003
- Mean numbers higher after operation of Caernarvon, near Davis Pond
- Nests found in more southerly areas-Caernarvon
- Numbers inversely related to salinity-won't nest in marshes >10 ppt (e.g., Caernarvon)

**<u>Stakeholder Interests</u>**

- Goals and metrics vary amongst stakeholders?
    - Acres of marsh?
    - Balance ecosystem?
    - Create new isohaline lines?
    - Size of Diversions – small (10,000 cfs or less) vs. large (50,000 cfs and up)

        - Small diversions may be quicker to evaluate, design, and build. (CWPPRA 2002)
        - Many small diversions may be better than one large one (five 5,000 cfs diversions may be better than one 25,000 cfs diversion. Have ability to get sediments and freshwater where it needs to go.
    - Understand Time Frame to Manage Expectations
        - Caernarvon 1991; Bonnet Carré Spillway 1931; small siphons for 30+ years.
        - Davis Pond 2001
        - Instant marsh vs. geologic time
        - Dredge material and placement will get the quickest marsh.
    - Best location for diversions?
        - From River point of view
        - From outfall area point of view
        - May need to fill in some data gaps and improve models
    - What is good for coastal forests may not work for coastal marsh, and vice versa

## Planning Thoughts

## How much do we know?

- In parts, technically maybe 75-90% of what we need to know.
    - Some basic technical information is still needed.
- Collectively, in an organized view – maybe 45-75% of what we need to know.
- Unbiased information synthesis is needed.
- Literature – Lot of information, but not necessarily fully focused to develop restoration plans.
- "Benchmark Data Points" – How solid are the points we need to use? Develop a method to validate or determine what data points and error bars we can accept.

## Planning Questions and Challenges

- What is the goal? What is the planning objective? Marsh Creation? Ecosystem Restoration? Isohalines? Fish and Wildlife?
- Expectations? How much is realistic?
- Once goal is established, what are the alternatives, costs, constraints, and trade-offs?
- What grain size is needed for marsh creation?
- Can accretion outgain subsidence?
- Where and how to get it?
- Benefits and Effects?

**Path Forward**

- Develop a consensus-building process to determine the goal, to develop and evaluate alternatives to reach that goal, and to develop support to fund and construct.
- Develop Science and Policy Advisory Group to build consensus
- Focus Our State of Knowledge (3-6 months)
- Focus stakeholders on detailed goals
- Convene technical working groups to focus the "state of knowledge", develop the list of needed data, model improvement, etc. for all interest areas. Develop a concise focused product for policy makers to make a decision.
- Critical for this technical group to have the authorization and sanction of the State, Governor's Office, and Corps Chief of Engineers; credibility among peers.
- Need experts to achieve validity.
- Determine what "Benchmark" data points are needed, fill needed data gaps.
- Develop Feasibility for Best Sizes and Locations for Diversions

# RIVERINE LITERATURE

| Author 1 | Title | Complete Reference |
|---|---|---|
| Alawady, M | Effect of Diverting Mississippi River Water to Texas on Sedimentation in the River | Alawady, M. 1974. Effect of Diverting Mississippi River Water to Texas on Sedimentation in the River, Completion Report A-029-LA. Louisiana Water Resources Research Institute, Baton Rouge, |
| Alexander, Heather | Treated Wastewater Effluent as an Alternative Freshwater Source in a Hypersaline Salt Marsh: Impacts on Salinity, Inorganic Nitrogen, and Emergent Vegetation | |
| Allison, M. A | The Supply Side of Mississippi River Delta Restoration: Can the River Provide the Sediment We Need? | Allison, M. A., J.A. Nittrouer, and J.J. Galler. 2005. The Supply Side of Mississippi River Delta Restoration: Can the River Provide the Sediment We Need? American Geophysical Union, 2005 Fall Meeting. |
| Allison, M. A. | Assessing Quantity and Quality of Sand Available in the Lower Mississippi River Channel for Coastal Marsh and Barrier Island Restoration in Louisiana | Allison, M. A., Nittrouer, J. A. (2004). Assessing Quantity and Quality of Sand Available in the Lower Mississippi River Channel for Coastal Marsh and Barrier Island Restoration in Louisiana. Governor's Applied Coastal Research and Development Program. Baton Rouge, Louisiana. |
| Allison, M. A. | Carbon burial on river-dominated continental shelves: Impact of historical changes in sediment loading adjacent to the Mississippi River | Allison, M. A., Bianchi, T. S., McKee, B. A., Sampere, T. P. (2007). Carbon burial on river-dominated continental shelves: Impact of historical changes in sediment loading adjacent to the Mississippi River. Geophysical Research Letters. 34. pp 6. |
| Allison, M.A | Importance of flood-plain sedimentation for river sediment budgets and terrigenous input to the oceans: Insights from the Brahmaputra-Jamuuna River | Allison, M.A., Kuehl, S.A., Martin, T.C., and Hassan, A., 1998, Importance of flood-plain sedimentation for river sediment budgets and terrigenous input to the oceans: Insights from the Brahmaputra-Jamuuna River: Geology, v. 26, p. 175–178. |
| Antweiler, R.C | Nutrients in the Mississippi River | Antweiler, R.C., D.A. Goolsby, and H.E. Taylor. 1995. Nutrients in the Mississippi River. In Contaminants in the Mississippi River, 1987-1992, Meade, R.H. (ed.). U.S. Geological Survey Circular 1133, Reston, VA. |
| Baldwin DS | The effects of drying and re-flooding on the sediment and soil nutrient dynamics of lowland river-floodplain systems: a synthesis | Baldwin DS, Mitchell AM. 2000. The effects of drying and re-flooding on the sediment and soil nutrient dynamics of lowland river-floodplain systems: a synthesis. Regulated Rivers: Research & Management 16: 457–467. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Barbe, D. E | Effects on Dredging Due to Diversions From the Lower Mississippi River | Barbe, D. E., K. Fagot, and J. A. Mccorquodale. 2000. Effects on Dredging Due to Diversions From the Lower Mississippi River. Journal of Waterway Port Coastal and Ocean Engineering-ASCE 126, no. 3: 121-29. |
| Bentley, S.J | Transport and accumulation of cohesive fluvial sediments on the inner shelf: From the Atchafalaya River downdrift to the Louisiana Chenier Plain | Bentley, S.J., K. Rotondo, H.H. Roberts, G.W. Stone, and O.K. Huh. 2003. Transport and accumulation of cohesive fluvial sediments on the inner shelf: From the Atchafalaya River downdrift to the Louisiana Chenier Plain. Proceedings of the International Conference on Coastal Sediments 2003. World Scientific Publishing Corporation and East Meets West Productions, Corpus Christi, TX. |
| Bianchi, T.S | Hydrodynamic sorting and transport of terrestrially derived organic carbon in sediments of the Mississippi and Atchafalaya Rivers | Bianchi, T.S., Galler, J.J., and Allison, M.A., 2007, Hydrodynamic sorting and transport of terrestrially derived organic carbon in sediments of the Mississippi and Atchafalaya Rivers: Estuarine, coastal and shelf science, v. 73, p. 211–222 |
| Biedenharn D.S | Recent morphological evolution of the Lower Mississippi River | Biedenharn D.S., Thorne C.R., Watson C.C. (2000). Recent morphological evolution of the Lower Mississippi River. Geomorphology. 34:3 p227-249 |
| Biedenharn, D. S | Frequency analysis of sediment transport in the lower Mississippi River. Regulated Rivers: Research & Management | Biedenharn, D. S., and C. R. Thorne. 1994. Magnitude-frequency analysis of sediment transport in the lower Mississippi River. Regulated Rivers: Research & Management 9, no. 4: 237-51. |
| Boesch D. F. | Scientific assessment of coastal wetland loss, restoration and management in Louisiana | Boesch DF, Josselyn MN, Ashish JM, Morris JT, Nuttle WK, Simenstad CA et al (1994) Scientific assessment of coastal wetland loss, restoration and management in Louisiana. J Coast Res Special Issue 20:103 |
| Boyd, R | A geomorphic model for Mississippi River Delta Evolution | Boyd, R., and Penland, S. 1988. A geomorphic model for Mississippi River Delta Evolution. Transactions. Gulf Coast Assoc. Geol. Soc. Trans. 38: 443-452. |
| Bratkovich, A | Variability and prediction of freshwater and nitrate fluxes for the Louisiana-Texas shelf: Mississippi and Atchafalaya River source functions | Bratkovich, A., S.P. Dinnel, and D.A. Goolsby. 1994. Variability and prediction of freshwater and nitrate fluxes for the Louisiana-Texas shelf: Mississippi and Atchafalaya River source functions. Estuaries 17(4):766-778. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Breaux, A | Using natural coastal systems for wastewater treatment: An economic benefit analysis | Breaux, A., S. Farber, and J. Day. 1995. Using natural coastal systems for wastewater treatment: An economic benefit analysis. Journal of Environmental Management, 44: 285-291. |
| Caffey, R. H | Mississippi River water quality: implications for coastal restoration | Caffey, R. H., P. Coreil, and Louisiana Sea Grant. Mississippi River water quality: implications for coastal restoration. |
| Cahoon, D | Estimating shallow subsidence in microtidal salt marshes of the southeastern United States: Kaye and Barghoorn revisited. | Cahoon, D., D. Reed, and J. Day. 1995. Estimating shallow subsidence in microtidal salt marshes of the southeastern United States: Kaye and Barghoorn revisited. Marine Geology, 128: 1-9. |
| Cavanaugh, J. C | Nitrogen dynamics in sediment during water level manipulation on the upper Mississippi River | Cavanaugh, J. C., Richardson, W. B., Strauss, E. A., Bartsch, L. A. (2006). Nitrogen dynamics in sediment during water level manipulation on the upper Mississippi River. River research and applications 22, no 6: 651-666. |
| CH2M Hill | Mississippi River Water Reintroduction into Bayou Lafourche. Final Phase 2 Design Report | CH2M Hill, 2006. Mississippi River Water Reintroduction into Bayou Lafourche. Final Phase 2 Design Report. Submitted to Louisiana Department of Natural Resources. March, 2006. |
| Chena, Z. | Sedimentological and ecohydrological processes of Asian deltas: The Yangtze and the Mekong | Chena, Z., Watanabeb, M., Wolanskic, E. (2007). Sedimentological and ecohydrological processes of Asian deltas: The Yangtze and the Mekong. Estuarine, Coastal and Shelf Science. 71:1 and 71:2. p 181-193. |
| Clark G. M. | Seasonal and annual load of herbicides from the Mississippi River Basin to the Gulf of Mexico | Clark GM, Goolsby DA, Battaglin WA (1999) Seasonal and annual load of herbicides from the Mississippi River Basin to the Gulf of Mexico. Environ Sci Technol 33:981–986. |
| Clarke SJ | Vegetation growth in rivers: influences upon sediment and nutrient dynamics | Clarke SJ. 2002. Vegetation growth in rivers: influences upon sediment and nutrient dynamics. Progress in Physical Geography 26(2): 159–172. |
| Coleman, J. M | Mass Movement of Mississippi River Delta Sediments. Proceedings, Gulf Coast Assocation of Geological Societites | Coleman, J. M., J. N. Suhayda, T. Whelan, and L. D. Wright. 1974. Mass Movement of Mississippi River Delta Sediments. Proceedings, Gulf Coast Assocation of Geological Societites, 49-68. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Coleman, J.M | The Mississippi River delta: an overview | Coleman, J.M., Roberts, H.H., Stone, G.W., 1998. The Mississippi River delta: an overview. Journal of Coastal Research 3, 698- |
| Coleman, J.M. | Dynamic changes and processes in the Mississippi River Delta | Coleman, J.M. 1988. Dynamic changes and processes in the Mississippi River Delta. Geological Society of America Bulletin 100:999-1015. |
| Conner, W. | Bottomlands hardwood productivity: case study in a rapidly subsiding, Louisiana, USA, watershed. | Conner, W., J. Day, and W. Slater. 1993. Bottomlands hardwood productivity: case study in a rapidly subsiding, Louisiana, USA, watershed. Wetlands Ecology and Management. 2:189-197. |
| Conner, W.H. | Water level variability and litterfall productivity of forested freshwater wetlands in Louisiana. | Conner, W.H. and J.W. Day, Jr. 1992. Water level variability and litterfall productivity of forested freshwater wetlands in Louisiana. American Midland Naturalist. 128:237-245. |
| Corbett, D. | Nature of decadal-scale sediment accumulation on the western shelf of the Mississippi river delta. | Corbett, d. R, B. Mckee, and M. Alison (2006). Nature of decadal-scale sediment accumulation on the western shelf of the Mississippi river delta. Continental Shelf Research. 26, 2125-2140. |
| Corbett, D. R | An evaluation of mobile mud dynamics in the Mississippi River deltaic region | Corbett, D. R., B. A. McKee, and D. Duncan (2004), An evaluation of mobile mud dynamics in the Mississippi River deltaic region, Mar. Geol., 209, 91–112. |
| Davis, D.W | Historical perspective on crevasses, levees, and the Mississippi River | Davis, D.W. 2000. Historical perspective on crevasses, levees, and the Mississippi River. In Transforming New Orleans and Its Environs: Centuries of Changes, Colten, C.E. (ed.). University of Pittsburgh Press, PA. |
| Day, J | Estuarine Ecology | Day, J. C. Hall, M. Kemp, and A. Y ez-Arancibia. 1989. Estuarine Ecology. Wiley Interscience, New York. 576 pp. |
| Day, J.W. | The importance of pulse physical events for the sustainability of Louisiana coastal forested wetlands. | Day, J.W., Conner, W.H., Shaffer, G.P. 2006. The importance of pulse physical events for the sustainability of Louisiana coastal forested wetlands. Hydrology and Management of Forested Wetlands Proceedings of the international Conference. American Society of Agricultural and Biological Engineers, St. Joseph, MI. |
| Demas, C. | Suspended-sediment, bottom-material, and associated-chemical data from the lower Mississippi River, Louisiana | Demas, C. (1987). Suspended-sediment, bottom-material, and associated-chemical data from the lower Mississippi River, Louisiana. 1987. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Demas, C.R | Suspended-sediment and associated chemical transport characteristics of the lower Mississippi River, Louisiana | Demas, C.R. and Curwick, P.B. (1988) Suspended-sediment and associated chemical transport characteristics of the lower Mississippi River, Louisiana. Louisiana Department of Transportation and Development Water Resources Technical Report No. 45, 44 pp. |
| Dietrich WE | Boundary shear stress, sediment transport and bed morphology in a sand-bedded river meander during high and low flow. In River Meandering. | Dietrich WE, Smith JD, Dunne T. 1983. Boundary shear stress, sediment transport and bed morphology in a sand-bedded river meander during high and low flow. In River Meandering. American Society of Civil Engineers: New York. |
| Divins, D. L. | NGDC Coastal Relief Model, 88:5_92:5_W and 28:5_32_ N. | Divins, D. L. & Metzger, D. NGDC Coastal Relief Model, 88:5_92:5_W and 28:5_32_ N. <http://www.ngdc.noaa.gov/mgg/coastal/coastal.html>. |
| Dranguet, C.A.Jr., | Back Door to the Gulf: The Pass Manchac Region, 1699-1863. | Dranguet, C.A., Jr., and Heleniak, RJ. 1985. Back Door to the Gulf: The Pass Manchac Region, 1699-1863. Center for Regional Studies, Southeastern Louisiana University, Hammond, LA, USa, reprinted from Regional Dimensions 3. |
| Einstein, H.A. | The bed-load function for sediment transportation in open channel flows. | Einstein, H.A. (1950): The bed-load function for sediment transportation in open channel flows. U.S. Dept. of Agriculture, Techn. Bulletin No. 1026. |
| Elliott DO. | The Improvement of the Lower Mississippi River for Flood Control and Navigation | Elliott DO. 1932. The Improvement of the Lower Mississippi River for Flood Control and Navigation. US Army Corps of Engineers, Waterways Experiment Station: Vicksburg, MS. |
| Engelund, F | A Monograph on Sediment transport in Alluvial Streams. | |
| Engelund, F. | Hydraulic resistance of alluvial streams. | Engelund, F. (1966): Hydraulic resistance of alluvial streams. J. Hydr. Div., ASCE, 92(HY2):315-326. |
| Englelund, F. | A sediment transport model for straight alluvial channels. | Englelund, F. and Fredsoe, J (1976): A sediment transport model for straight alluvial channels. Nordic Hydrology 7:293-306. |
| Englelund, F. | Hydraulic theory of alluvial rivers. | Englelund, F. and Fredsoe, J (1982): Hydraulic theory of alluvial rivers. Advances in Hydroscience, 13:187-215. |
| Fedsoe, J. | Shapes and dimensions of stationary dunes in rivers. | Fedsoe, J. (1982): Shapes and dimensions of stationary dunes in rivers. J. Hydr. Div., ASCE, 108(HY8):932-947. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Fink, D. F | Hydrology and Nutrient Biogeochemistry in a Created River<br>Diversion Oxbow Wetland | Fink, D. F., and W. J. Mitsch. 2007. Hydrology and Nutrient Biogeochemistry in a Created River<br>Diversion Oxbow Wetland. Ecological Engineering 30, no. 2: 93-102. |
| Finkl, Charles | Fluvial Sand Sources for Barrier Island Restoration in Louisiana: Geotechnical Investigations in the Mississippi River | |
| Fishman MJ | Methods of analysis by the U.S. Geological Survey National Water Quality Laboratory; determination of inorganic and organic constituents in<br>water and fluvial sediments | Fishman MJ (1993) Methods of analysis by the U.S. Geological<br>Survey National Water Quality Laboratory; determination of inorganic and organic constituents in<br>water and fluvial sediments. U.S. Geological Survey<br>Open-File Report 93-125 |
| Fisk, H. N | Sedimentary framework of the modern Mississippi delta | Fisk, H. N., E. McFarlan, JR., C. R. Kolb, and J. L. Wilbert, Jr. 1954. Sedimentary framework of the modern Mississippi delta. Journal of Sedimentary Petrology 24:76–99. |
| Fisk, H. N. | Bar-finger sands of the Mississippi delta | Fisk, H. N. 1961. Bar-finger sands of the Mississippi delta, p. 29– 52. In Geometry of Sandstone Bodies. American Association of Petroleum Geologists. Tulsa, Oklahoma. |
| Frazier, D. E. | Recent deposits of the Mississippi River, their development and chronology | Frazier, D. E. 1967. Recent deposits of the Mississippi River, their development and chronology. Gulf Coast Association of Geological Societies Transactions 17, 287-311. |
| Frazier, D.E. | Recent deltaic deposits of the Mississippi River: their development and chronolog | Frazier, D.E. 1967. Recent deltaic deposits of the Mississippi River: their development and chronology. Gulf Coast Assoc. Geol. Soc. Trans. 27: 287-315. |
| Fredsoe, J. | Unsteady flow in straight alluvial streams: modification of individual dunes. | Fredsoe, J. (1979): Unsteady flow in straight alluvial streams: modification of individual dunes. J. Fluid Mech., Vol. 91, part 3, pp497-512. |
| Fredsoe, J. | Unsteady flow in straight alluvial streams: Part 2. Transition from dunes to plane bed. | Fredsoe, J. (1979): Unsteady flow in straight alluvial streams: Part 2. Transition from dunes to plane bed. J. Fluid Mech., 102:431-453. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Gagliano, S.M | Geologic and geomorphic aspects of deltaic processes, Mississippi Delta system. Hydrologic and Geologic Studies of Coastal Louisiana Series | Gagliano, S.M., and J.L. van Beek. 1970. Geologic and geomorphic aspects of deltaic processes, Mississippi Delta system. Hydrologic and Geologic Studies of Coastal Louisiana Series, Report No. 1. Center for Wetland Resources, Louisiana State University, Baton Rouge, Louisiana. New Orleans District Corps of Engineers Contr. No. DACW 29-600-C-0092, 140 pp. |
| Galler, J. J. | Estrarine controls on fine-grained sediment storage in the lower Mississippi and Atchafalaya Rivers | Galler, J. J., Allison, M. A. (2007) Estrarine controls on fine-grained sediment storage in the lower Mississippi and Atchafalaya Rivers. Geological Society of America Bulletin; March/April 2008; v. 120; no. 3/4; p. 386–398. |
| Gibbs, R. J. | Amazon River sediment transport in the Atlantic Ocean. | Gibbs, R. J. 1976. Amazon River sediment transport in the Atlantic Ocean. Geology January:45–48. |
| Gibbs, R.J | Coagulation and transport of sediment in the Gironde Estuary | Gibbs, R.J., Tsudy, D.M., Konwar, L., and Martin, J.M., 1989, Coagulation and transport of sediment in the Gironde Estuary: Sedimentology, v. 36, p. 987–999, |
| Gonzales, J. L. | Coastal Louisiana in crisis: Subsidence or sea level rise? | Gonzales, J. L. & Törnqvist, T. E. Coastal Louisiana in crisis: Subsidence or sea level rise? Eos 87, 493_498 (2006). |
| Goolsby, D.A. | Long-term changes in concentrations and flux of nitrogen in the Mississippi River Basin | Goolsby, D.A. and Battaglin, W.A. (2001) Long-term changes in concentrations and flux of nitrogen in the Mississippi River Basin, USA. Hydrological Processes, 15:1209-26. |
| Gordon , D. C. | Sedimentation Study of the Mississippi River Schenimann Chute Mississippi River Mils 63 to 57, Hydraulic Micro Model Investigation. Volume 1: Final Technical Report | US Army Core of Engineers (2000). Sedimentation Study of the Mississippi River Schenimann Chute Mississippi River Mils 63 to 57, Hydraulic Micro Model Investigation. Volume 1: Final Technical Report. (USACE Publication #A049873), St Louis District; Gordon , D. C., Devinroy, R. D. pp 38 |
| Gordon, E. S | Controls on the distribution and accumulation of terrigenous organic matter in sediments from the Mississippi and Atchafalaya river margin | Gordon, E. S., and M. A. Goni (2004), Controls on the distribution and accumulation of terrigenous organic matter in sediments from the Mississippi and Atchafalaya river margin, Mar. Chem., 92, 331– 352. |
| Gould, H.R | The Mississippi delta complex | Gould, H.R., 1970. The Mississippi delta complex. In: Morgan, J.P. (Ed.), Deltaic sedimentation: Modern and ancient; Society of Economic Paleontologists and Mineralogists Special Publication vol. 15, pp. 3–30. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Gunter, G. | Historic changes in the Mississippi River and the adjacent marine environment. | Gunter, G. (1952). Historic changes in the Mississippi River and the adjacent marine environment. Pub. Inst. Marine Sci., 2:2 pp119-138. |
| Guy, H.P | Summary of alluvial channel data from flume experiments, | Guy, H.P., Simons, D.B. and Richardson, E.V. (1966): Summary of alluvial channel data from flume experiments, 1956-1961. U.S. Geological Survey Professional Paper, 462-I. |
| Harbor DJ | Dynamics of bedforms in the Lower Mississippi River | Harbor DJ. 1998. Dynamics of bedforms in the Lower Mississippi River. Journal of Sedimentary Research 68: 750–762. |
| Harmar, O. P. | Platform Dynamics of the Lower Mississippi River | Harmar, O. P., Clifford, N. J. (2006). Platform Dynamics of the Lower Mississippi River. Earth Surface Processes and Landforms. Vol. 31 pp 825–843. |
| Harmar, O.P. | Morphological and Process Dynamics of the Lower Mississippi River | Harmar, O.P. 2004. Morphological and Process Dynamics of the Lower Mississippi River. Ph.D. Dissertation, University of Nottingham, |
| Horowitz, A.J | Estimating suspended sediment and trace element fluxes in the Mississippi, Columbia, Colorado and Rio Grande drainage basins | Horowitz, A.J., Kelrick, K.A., and Smith, J.J., 2001, Estimating suspended sediment and trace element fluxes in the Mississippi, Columbia, Colorado and Rio Grande drainage basins: Hydrological Processes, v. 15, p. 1169–1207. |
| Horowitz, A.J. | The effects of the “Great Flood of 1993” on subsequent suspended sediment concentrations and fluxes in the Mississippi River Basin, USA | Horowitz, A.J., 2006, The effects of the “Great Flood of 1993” on subsequent suspended sediment concentrations and fluxes in the Mississippi River Basin, USA, in Sediment dynamics and the hydromorphology of fluvial systems: International Association of Hydrological Sciences Publication 306, p. 110–119. |
| Horowitz, A.J. | Annual suspended sediment and trace element fluxes in the Mississippi, Colorado, and Rio Grande drainage basins. | Horowitz, A.J., Elrick, K.A. and Smith, J.J. (2001) Annual suspended sediment and trace element fluxes in the Mississippi, Colorado, and Rio Grande drainage basins. Hydrological Processes, 15:1169-1207. |
| Hudson P. F. | Channel migration and meander-bend curvature in the Lower Mississippi River prior to major human modification | Hudson PF, Kesel RH. 2000. Channel migration and meander-bend curvature in the Lower Mississippi River prior to major human modification. Geology 28: 531–534. |
| Hurly, P. M | K-Ar Age Studies of Mississippi and Other River Sediments | Hurly, P. M., Brookins, D. G., Pinson, W. H., Hart, S. R., Fairbairn, H. W. (1961) K-Ar Age Studies of Mississippi and Other River Sediments. GSA Bulletin. 72:12 p 1807-1816. |
| Izzo, D | Reengineering the Mississippi | Izzo, D. 2004. Reengineering the Mississippi. Civil Engineering 74, no. 7: 38-+. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Johnston CA | Nutrient dynamics in relation to geomorphology of riverine wetlands | Johnston CA, Bridgham SD, Schubauer-Berigan JP. 2001. Nutrient dynamics in relation to geomorphology of riverine wetlands. Soil Science Society of America Journal 65: 557–577. |
| Junk, W.J | The flood pulse concept in river-floodplain systems | Junk, W.J., Bayley, P.B., Sparks, R.E., 1989. The flood pulse concept in river-floodplain systems. Canadian Journal of Fisheries and Aquatic Sciences Special Publication 106, 111-127. |
| Justic', D | Riverborne nutrients, hypoxia and coastal ecosystem evolution: Biological responses to long-term changes in nutrient loads carried by the PO and Mississippi Rivers. | Justic', D., N.N. Rabalais, and R.E. Turner. 1994. Riverborne nutrients, hypoxia and coastal ecosystem evolution: Biological responses to long-term changes in nutrient loads carried by the PO and Mississippi Rivers. Pages 161-167 in K.R. Dyer and R.J. Orth (eds.), Changes in Fluxes in Estuaries: Implications from Science to Management. Proceedings of ECSA22/ERF Symposium, International Symposium Series, Olsen & Olsen, Fredensborg, Denmark. |
| Kennedy J.F. | The mechanics of dunes and antidunes in erodible-bed channels | Kennedy J F (1963): The mechanics of dunes and antidunes in erodible-bed channels. J Fluid Mech, Vol 16, pp 521-544. |
| Keown, M. P | Historic Trends in the Sediment Flow Regime of the Mississippi River | Keown, M. P., Jr. E.A. Dardeau, and E.M. Causey. 1986. Historic Trends in the Sediment Flow Regime of the Mississippi River. Water Resources Research 22: 1555-64. |
| Keown, M.P | Characterization of the Suspended- Sediment Regime and Bedload Gradation of the Mississippi River Basin | Keown, M.P., E.A. Dardeau, Jr., and E.M. Causey. 1981. Characterization of the Suspended- Sediment Regime and Bedload Gradation of the Mississippi River Basin. Volumes 1 and 2. Report 1, U.S. Army Corps of Engineers, Vicksburg, MS. |
| Kesel, R. H | An Approximation of the Sediment Budget of the Lower Mississippi River Prior to Major Human Modification | Kesel, R. H., E. Yodis, and D. McCraw. 1992. An Approximation of the Sediment Budget of the Lower Mississippi River Prior to Major Human Modification. Earth Surface Processes and Landforms 17: 711-22. |
| Kesel, R. H | Modifications to the Sediment Regime of the Lower Mississippi River Flood Plain | Kesel, R. H. 2003. Human Modifications to the Sediment Regime of the Lower Mississippi River Flood Plain. Geomorphology 56, no. 3-4: 325-34. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Kesel, R. H | Human Modifications to the Sediment Regime of the Lower Mississippi River Flood Plain | Kesel, R. H. 2003. Human Modifications to the Sediment Regime of the Lower Mississippi River Flood Plain. Geomorphology 56, no. 3-4: 325-34. |
| Kesel, R. H | A revised Holocene geochronology for the lower Mississippi valley. | Kesel, R. H. A revised Holocene geochronology for the lower Mississippi valley. Geomorphology 101, 78_89 (2008). |
| Kesel, R. H | Decline in the Suspended Load of the Lower Mississippi River and its Influence on Adjacent Wetlands | Kesel, R. H. 1988. Decline in the Suspended Load of the Lower Mississippi River and its Influence on Adjacent Wetlands. Environmental Geology and Water Sciences 11, no. 3: 271-81. |
| Kesel, R. H | The Role of the Mississippi River in Wetland Loss in Southeastern Louisiana, USA | Kesel, R. H. 1989. The Role of the Mississippi River in Wetland Loss in Southeastern Louisiana, USA. Environmental Geological Water Sciences 13, no. 3: 183-93. |
| Kesel, R. H. | Some Effects of Human Modifications on Sand-Bed Channels in Southwestern Mississippi, USA | Kesel, R. H., Yodis, E. G. (1992). Some Effects of Human Modifications on Sand-Bed Channels in Southwestern Mississippi, USA. Environ Geol Water Sci. Vol 20. No 2. pp 93-104. |
| Kim, W | Coastal Louisiana Ecosystem Assessment & Restoration (CLEAR) Program: A Tool to Support Coastal Restoration Vol. IV, | Kim, W. et al. Coastal Louisiana Ecosystem Assessment & Restoration (CLEAR) Program: A Tool to Support Coastal Restoration Vol. IV, Ch. 10 (Final Report to Department of Natural Resources, Coastal Restoration Division, Contract No. 2512-06-02, 2008).. |
| Knox JC. | Long-term episodic changes in magnitudes and frequencies of floods in the Upper Mississippi River valley | Knox JC. 1999. Long-term episodic changes in magnitudes and frequencies of floods in the Upper Mississippi River valley. In Fluvial Processes and Environmental Change, Brown AG, Quine TA (eds). John Wiley & Sons: Chichester. |
| Kolb, C.R | Depositional environments of Mississippi River deltaic plain, southeastern Louisiana | Kolb, C.R. and J.R. Van Lopik. 1966. Depositional environments of Mississippi River deltaic plain, southeastern Louisiana. In Deltas in their Geological Framework, Shirley, M.L. (ed.). Houston Geological Society, |
| Kolb, Charles R. | Sediments Forming the Bed and Banks of the Lower Mississippi River and Their Effect on River Migration | Kolb, Charles R. (2006). Sediments Forming the Bed and Banks of the Lower Mississippi River and Their Effect on River Migration. J of Sedinentology. 2:3 227-234 |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Kolker, A. S | The Mississippi River Flood of 2008: Sediment Dynamics and Implications for Coastal Restoration | Kolker, A. S., Allison, M. A., Butcher, K. A., Fulweiler, R. W., Green, S., Nittrouer, J., Nyman, J. A., Rosenheim, B. (2008). The Mississippi River Flood of 2008: Sediment Dynamics and Implications for Coastal Restoration. 2008 Joint Meeting of The Geological Society of America, Soil Science Society of America, American Society of Agronomy, Crop Science Society of America, Gulf Coast Association of Geological Societies with the Gulf Coast Section of SEPM |
| Kulp, M. A. | Latest Quaternary stratigraphic framework of the Mississippi delta region. | Kulp, M. A. et al. Latest Quaternary stratigraphic framework of the Mississippi delta region. Trans. Gulf Coast Assoc. Geol. Soc. 52, 572_582 (2002). |
| Lane EW | The importance of fluvial morphology in hydraulic engineering | Lane EW. 1955. The importance of fluvial morphology in hydraulic engineering. Proceedings, American Society of Civil Engineers 81: 1–17. |
| LDNR | Mississippi River Delta Management Study – Preliminary Strategic Plan. Draft Report | LDNR (2008) Mississippi River Delta Management Study – Preliminary Strategic Plan. Draft Report. Louisiana Department of Natural Resources, Office of Coastal Restoration and Management; Coastal Restoration Division. Baton Rouge, Louisiana. pp 164. |
| Letter, J. V. Jr. | River Diversions and Shoaling | Letter, J. V. Jr., Pinkard, F. C., Raphelt, N. K. (2008) River Diversions and Shoaling. U. S. Army Corps of Engineers. New Orleans, LA. pp. 21. |
| Letter, Joseph V. Jr. | River diversions and shoaling. | Letter, Joseph V. Jr., Pinkard, Fred C., Raphelt, Nolan K. 2008. River diversions and shoaling. USACE |
| Llewellyn, D.W. | A decision-support system for prioritizing restoration sites on the Mississippi River alluvial plain. | Llewellyn, D.W., Shaffer, G.P., Craig, N.J., Creasman, L., Pashley, D., Swan, M., and Brown, C. 1996. A decision-support system for prioritizing restoration sites on the Mississippi River alluvial plain. Conserv. Biol. 10: 1446-1455. |
| Loeb R. | How soil characteristics and water quality influence the biogeochemical response to flooding in riverine wetlands | Loeb R, VanDaalen E, Lamers LPM, Roelefs JGM(2007)How soil characteristics and water quality influence the biogeochemical response to flooding in riverine wetlands. Biogeochemistry 85:289–302. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Loneragan N. R. | River flows and estuarine ecosystems: implications for coastal fisheries from a review and a case study of the Logan River, southeast Queensland | Loneragan NR, Bunn SE (1999) River flows and estuarine ecosystems: implications for coastal fisheries from a review and a case study of the Logan River, southeast Queensland. Aust J Ecol 24:431–440 |
| Lopez, J.A. | Chronology and analysis of environmental impacts within the Ponchartrain basin of the Mississippi Delta Plain: 1718-2002. | Lopez, J.A. 2003. Chronology and analysis of environmental impacts within the Ponchartrain basin of the Mississippi Delta Plain: 1718-2002. Ph.D. Dissertation, Engineering and Applied Sciences Program, University of New Orleans, New Orleans, LA. USA. |
| Madden, C | Coupling of freshwater and marine systems in the Mississippi deltaic plain | Madden, C, J. Day, and J. Randall. 1988. Coupling of freshwater and marine systems in the Mississippi deltaic plain. Limnology and Oceanography. 4(33, 2): 982-1004. |
| McHenry, J. R | Recent Rates of Sedimentation in the Mississippi River. Contaminants in the Upper Mississippi River: Proceedings of the 15th Annual Meeting of the Mississippi River Research Consortium | McHenry, J. R., J. C. Ritchie, C. M. Cooper, and J. Verdon. 1984. Recent Rates of Sedimentation in the Mississippi River. Contaminants in the Upper Mississippi River: Proceedings of the 15th Annual Meeting of the Mississippi River Research Consortium, 99-1171984. |
| McQuivey, R. S | Mississippi River Below Baton Rouge, La. Proceedings of ASCE | McQuivey, R. S., and T. N. Keefer. 1976. Dispersion--Mississippi River Below Baton Rouge, La. Proceedings of ASCE, Journal of the Hydraulics Division 102, no. HY10: 1425-37. |
| Meade, R.H | Contaminants in the Mississippi River, 1987-1992 | Meade, R.H., ed. (1995) Contaminants in the Mississippi River, 1987-1992. U.S. Geological Survey Circular, 1133:1-140. |
| Meade, R.H | Sediment in rivers of the United States | Meade, R.H., Parker, R.S., 1985. Sediment in rivers of the United States. National Water Survey 1984. U.S. Geological Survey Water-Supply Paper, vol. 2275, pp. 49–60. |
| Meade, R.H | River-sediment inputs to major deltas. In Sea-level rise and coastal subsidence: Causes consequences and strategies | Meade, R.H. (1996) River-sediment inputs to major deltas. In Sea-level rise and coastal subsidence: Causes consequences and strategies, J.D. Milliman and B.U. Haq, eds. Kluwer Academic Publishers, Dordrecht, pp. 63-85. |
| Meckel, T. A. | An attempt to reconcile subsidence rates determined from various techniques in southern Louisiana | Meckel, T. A. An attempt to reconcile subsidence rates determined from various techniques in southern Louisiana. Quat. Sci. Rev. 27, 1517_1522 (2008). |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Middleton, B.A., (Editor) | Flood pulsing in wetlands: Restoring the natural hydrological balance. | Middleton, B.A. (Editor). 2002. Flood pulsing in wetlands: Restoring the natural hydrological balance. John Wiley, New York, N.Y., USA. |
| Mitsch, W. J | Reducing Nitrogen Loading to the Gulf of Mexico from the Mississippi River Basin: Strategies to Counter a Persistent Ecological Problem | Mitsch, W. J., Day, J. W. Jr., Gilliam, W., Groffman, P. M., Hey, D. L., Randall, G. W., Wang, N. (2001). Reducing Nitrogen Loading to the Gulf of Mexico from the Mississippi River Basin: Strategies to Counter a Persistent Ecological Problem. BioScience, 51:5. pp373-388. |
| Mitsch, W. J. | Nitrate-nitrogen retention in wetlands in the Mississippi River Basin | Mitsch, W. J., Day, J. W., Zhang, L., Lane, R. R. (2005). Nitrate-nitrogen retention in wetlands in the Mississippi River Basin. Ecological Engineering. 24:4. p 267-278. |
| Mitsch, William | Restoration of wetlands in the Mississippi-Ohio-Missouri (MOM) River Basin | Mitsch, William, Day, John.2006. Restoration of wetlands in the Mississippi-Ohio-Missouri (MOM) River Basin: Experience and needed research. Volume 26:1:55-69 |
| Montagna, P.A | Effect of restored freshwater inflow on macrofauna and meiofauna in upper Rincon Bayou, Texas | Montagna, P.A., R.D. Kalke, and C. Ritter. 2002. Effect of restored freshwater inflow on macrofauna and meiofauna in upper Rincon Bayou, Texas. Estuaries 25:1436-1447. |
| Mossa, J | Managing the sediment and water surplus of the Mississippi and Atchafalaya rivers for wetland restoration | Mossa, J. 1990. Managing the sediment and water surplus of the Mississippi and Atchafalaya rivers for wetland restoration. Bulletin of the American Association of Petroleum Geologists 74, no. 9: 1505-6. |
| Mossa, J. | Sediment dynamics in the lowermost Mississippi River: Geology in the Lower Mississippi Valley; implications for engineering, the half century since Fisk | Mossa, J. ( ) Sediment dynamics in the lowermost Mississippi River: Geology in the Lower Mississippi Valley; implications for engineering, the half century since Fisk, 1944. 1996 |
| Mossa, J. | Discharge-suspended sediment relationships in the Mississippi-Atchafalaya rivers system, Louisiana | Mossa, J. (1996). Discharge-suspended sediment relationships in the Mississippi-Atchafalaya rivers system, Louisiana. 1990. |
| Mossa, Joann | Sediment dynamics in the lowermost Mississippi River | Mossa, Joann. 1996. Sediment dynamics in the lowermost Mississippi River. Proceedings of the 1994 Conference on Geology in the Lower Mississippi Valley, 457-79 Amsterdam, Netherlands: Elsevier Science B.V., Amsterdam, Netherlands. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Murray, S. P | Current Dynamics and Sediment Distribution in the West Mississippi Delta Area | Murray, S. P., and W. J. Wiseman. 1976. Current Dynamics and Sediment Distribution in the West Mississippi Delta Area. Conference on Marine and Freshwater Research in Southern Africa. |
| Nittrouer, J. A | Bedform Transport Rates for the Lowermost Mississippi River | Nittrouer, J. A., Allison, M. A., Campanella, R. (2008). Bedform Transport Rates for the Lowermost Mississippi River. Journal of Geophysical Research. Vol. 113. |
| No Author listed | Model and prototype analysis of the Old River diversion on the Mississippi River | Model and prototype analysis of the Old River diversion on the Mississippi River. 1974. |
| No Author listed | Sediment and flow distribution at a large alluvial river distributary; Mississippi River at the Old River Control structure | Sediment and flow distribution at a large alluvial river distributary; Mississippi River at the Old River Control structure: AGU 1992 spring meeting. 1992. |
| No Author listed | Suspended-sediment and associated chemical transport characteristics of the lower Mississippi River, Louisiana | Suspended-sediment and associated chemical transport characteristics of the lower Mississippi River, Louisiana. 1988. |
| No Author listed | Should we permit Mississippi-Atchafalaya diversion ?: Transactions of the 30th annual meeting of the Gulf Association of Geological Societies; AAPG regional meeting and the Twenty-seventh annual meeting of the Gulf Coast Section of the Society of Economic Paleontologists and Mineralogists | Should we permit Mississippi-Atchafalaya diversion ?: Transactions of the 30th annual meeting of the Gulf Association of Geological Societies; AAPG regional meeting and the Twenty-seventh annual meeting of the Gulf Coast Section of the Society of Economic Paleontologists and Mineralogists. 1980. |
| Parker, G | Self-formed straight rivers with equilibrium banks and mobile bed. | Parker, G. (1978): Self-formed straight rivers with equilibrium banks and mobile bed. Part 1: The sand river. J. Fluid Mech., 89(1):109-126. |
| Pezeshki, S.R. | Response of bald cypress (Taxodium distichum L. var. distichum) to increases in flooding and salinity in Louisiana's Mississippi River Deltaic Plain. | Pezeshki, S.R., Delaune, R.D., and Patrick, W.H., Jr. 1987a. Response of bald cypress (Taxodium distichum L. var. distichum) to increases in flooding and salinity in Louisiana's Mississippi River Deltaic Plain. Wetlands, 7: 1-10. |
| Piper, D. Z | Geochemistry of Bed and Suspended Sediment in the Mississippi River System: Provenance Versus Weathering and Winnowing | Piper, D. Z., S. Ludington, J. S. Duval, and H. E. Taylor. 2006. Geochemistry of Bed and Suspended Sediment in the Mississippi River System: Provenance Versus Weathering and Winnowing. Science of the Total Environment 362, no. 1-3: 179-204. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Poff, NL, | Homogenization of regional river dynamics by dams and global biodiversity implications | Poff, NL, J.D. Olden, D.M. Merritt, and D.M. Pepin. 2007. Homogenization of regional river dynamics by dams and global biodiversity implications. Proceedings of the National Academy of Sciences 104:5732-5737. |
| Rabalais, N.N. | Consequences of the 1993 Mississippi River flood in the Gulf of Mexico | Rabalais, N.N. Turner, R.E., Wiseman, W.J. and Dortch, Q. (1998) Consequences of the 1993 Mississippi River flood in the Gulf of Mexico. Regulated Rivers: Research and Management, 14:161-77. |
| Reed, D. J | Sea-level rise and coastal marsh sustainability: Geological and ecological factors in the Mississippi delta plain | Reed, D. J. Sea-level rise and coastal marsh sustainability: Geological and ecological factors in the Mississippi delta plain. Geomorphology 48, 233_243 (2002). |
| Reuss, M. | Designing the Bayous. The Control of Water in the Atchafalaya Basin 1800-1995. | Reuss, M. 1998. Designing the Bayous. The Control of Water in the Atchafalaya Basin 1800-1995. Office of History U.S. Army Corps of Engineers, Alexandria, VA, USA. |
| Reyes, E., M. | Landscape modeling of coastal habitat change in the Mississippi delta | Reyes, E., M. White, J. Martin, P. Kemp, J. Day, and V. Aravamuthan. 2000. Landscape modeling of coastal habitat change in the Mississippi delta. Ecology. 81: 2331-2349. |
| Rioual, C. | Response scenarios for the deltaic plain of the Rhone in the face of an acceleration in the rate of sea level rise, with a special attention for Salicornia-type environments | Pont, D., J. Day, P. Hensel, E. Franquet, F. Torre, P. Rioual, C. Ibanez, and E. Coulet. 2002. Response scenarios for the deltaic plain of the Rhone in the face of an acceleration in the rate of sea level rise, with a special attention for Salicornia-type environments. Estuaries. 25: |
| Robbins, L. | Suspended sediment and bed material studies on the Lower Mississippi River | Robbins, L. (1977) Suspended sediment and bed material studies on the Lower Mississippi River. 1977. |
| Robbins, L.G | Suspended Sediment and Bed Material Studies on the Lower Mississippi River. | Robbins, L.G. 1977. Suspended Sediment and Bed Material Studies on the Lower Mississippi River. Potamology Investigation Report 300-1. U.S. Army Corps of Engineers, Vicksburg, MS. |
| Roberts, H.H. | Delta switching: Early responses to the Atchafalaya River diversion | Roberts, H.H. 1998. Delta switching: Early responses to the Atchafalaya River diversion. Journal of Coastal Research 14(3):882-899. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Roberts, Harry H. | Evolution of Sedimentary Architecture and Surface Morpology: Atchafalaya and Wax Lake Deltas | Evolution of Sedimentary Architecture and Surface Morpology: Atchafalaya and Wax Lake Deltas (1973-1994) : ABSTRACT ROBERTS, HARRY H., ROBCUNNIN AAPG Bulletin Volume 81 (1997) (1997) Atchafalaya-Wax Lake Deltas: the new regressive phase of the Mississippi River Delta complex/guidebook authored by Harry H. Roberts and John Sneider. |
| Russell, R. J. | Mississippi River delta sedimentation | Russell, R.J., Russell, R.D., 1939. Mississippi River delta sedimentation. In: Recent Marine Sediments, American Association of Petroleum Geologists, pp. 153–177. |
| Russell, R. J. | Physiography of lower Mississippi River Delta | Russell, R. J. (1936). Physiography of lower Mississippi River Delta. La. Dept. Cons. Geol. Survey Bull., No. 8, pp. 1-199. |
| Shields, F. D | Sediment Deposition in Cutoff Meander Bends and Implications for Effective Management | Shields, F. D., and S. R. Abt. 1989. Sediment Deposition in Cutoff Meander Bends and Implications for Effective Management. Regulated Rivers Research and Management 4, no. 4: 381-96. |
| Sivakumar, B | Predictability of River Flow and Suspended Sediment Transport in the Mississippi River Basin: a Non-Linear Deterministic Approach | Sivakumar, B., and W. W. Wallender. 2005. Predictability of River Flow and Suspended Sediment Transport in the Mississippi River Basin: a Non-Linear Deterministic Approach. Earth Surface Processes and Landforms 30, no. 6: 665-77. |
| Sivakumar, B. | Suspended sediment load transport in the Mississippi River basin at St. Louis: temporal scaling and nonlinear determinism | Sivakumar, B., and Chen, J. (2006). Suspended sediment load transport in the Mississippi River basin at St. Louis: temporal scaling and nonlinear determinism. Earth Surface Processes and Landforms 32:2 269-280 |
| Smith LM | The response of the Lower Mississippi River to river engineering. | Smith LM, Winkley BR. 1996. The response of the Lower Mississippi River to river engineering. Engineering Geology 45: |
| Smith, A. | Channel sedimentation and dredging problems, Mississippi River and Louisiana Gulf Coast access channel. | Smith, A., 1963. Channel sedimentation and dredging problems, Mississippi River and Louisiana Gulf Coast access channel. Proceedings of the Federal Interagency Sedimentation Conference. U.S. Department of Agriculture Miscellaneous Publication, vol. 970, pp. 618– 626. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Smith, Scot E | Environmental impacts of river diversion: Gabcikovo barrage system | Smith, Scot E., Gyorgy Buttner, Ferenc Szilagyi, Lajos Horvath, and Joseph Aufmuth. 2000. Environmental impacts of river diversion: Gabcikovo barrage system. Journal of Water Resources Planning and Management 126, no. 3: 138-45. |
| Soar, P. J | Channel geometry analysis technique for the lower Mississippi River | Soar, P. J., Thorne, C. R., Harmar, O. P., Biedenharn, D. S. and Pinkard, C. F. 2008. Channel geometry analysis technique for the lower Mississippi River. In: Gupta, A. (Ed.), Large Rivers: Geomorphology and Management. John Wiley and Sons, Chichester, 553-570. |
| Stem, M. | Nutrient transport in a riverine-influenced, tidal freshwater bayou in Louisiana | Stern, M., J. Day, and K. Teague. 1991. Nutrient transport in a riverine-influenced, tidal freshwater bayou in Louisiana. Estuaries, 144):382-394. |
| Stephens, D.G | Destructive phase of deltaic development: North Santee River delta | Stephens, D.G., Van Nieuwenhuise, D.S., Mullin, P., Lee, C., Kanes, W.H., 1976. Destructive phase of deltaic development: North Santee River delta. J. Sediment. Petrol. 46, 132–144. |
| Stern, M. K. | Nutrient transport in a riverine influenced, tidal freshwater bayou in Louisiana | Stern, M. K., J. W. Day and K. G. Teague. 1991. Nutrient transport in a riverine influenced, tidal freshwater bayou in Louisiana. Estuaries. 14: 382-394. |
| Stern, M.K | Seasonality of materials transport through a coastal freshwater marsh: Riverine versus tidal forces | Stern, M.K., J.W. Day, Jr. and K.G. Teague. 1986. Seasonality of materials transport through a coastal freshwater marsh: Riverine versus tidal forces. Estuaries 9(4a):301-308. |
| Sutula, M. | Effect of seasonal sediment storage in the lower Mississippi River on the flux of reactive particulate phosphorous to the Gulf of Mexico: | Sutula, M., Bianchi, T.S., and McKee, B.A., 2004, Effect of seasonal sediment storage in the lower Mississippi River on the flux of reactive particulate phosphorous to the Gulf of Mexico: Limnology and Oceanography, v. 49, p. 2223–2235. |
| Swarzenski, P. | Geophenomena: Tracking Contaminants Down the Mississippi. | Swarzenski, P. and Campbell, P. (2004) Geophenomena: Tracking Contaminants Down the Mississippi. Geotimes. 49:5 p40-41. |
| Swarzenski, P.W | On the world-wide riverine delivery of sediment-hosted contaminants to the ocean | Swarzenski, P.W. and Campbell, P.L. On the world-wide riverine delivery of sediment-hosted contaminants to the ocean. Encyclopedia of Hydrological Sciences, Wiley, Bristol, UK (in review). |
| Swarzenski, P.W | Seasonal uranium distributions in the coastal waters off the Amazon and Mississippi Rivers. | Swarzenski, P.W. and McKee, B.A. (1999) Seasonal uranium distributions in the coastal waters off the Amazon and Mississippi Rivers. Estuaries, 21:379-90. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Taylor, H.E | The occurrence and distribution of trace metals in the Mississippi River and its tributaries | Taylor, H.E., Garbarino. J.R. and Brinton, T.I. (1990) The occurrence and distribution of trace metals in the Mississippi River and its tributaries. Science of the Total Environment, 97/98:369-84. |
| Teague, K. | Sediment-water oxygen and nutrient fluxes in a river-dominated estuary | Teague, K., J. Day, and C. Madden. 1988. Sediment-water oxygen and nutrient fluxes in a river-dominated estuary. Estuaries. 11:1-9. |
| Thomson, D.A. | A potential interaction between sea-level rise and global warming: Implications for coastal stability on the Mississippi River Deltaic Plain. | Thomson, D.A., Shaffer, G.P., and McCorquodale, J.A. 2002. A potential interaction between sea-level rise and global warming: Implications for coastal stability on the Mississippi River Deltaic Plain. Global Planet. Change, 32: 49-59. |
| Thorne, C. R | Current and Historical Sediment Loads in the Lower Mississippi River: Third Interim Technical Report | Thorne, C. R., Harmar, O. P., Watson, C., Clifford, N., Measures, R., Biedenharn, D. (2007). Current and Historical Sediment Loads in the Lower Mississippi River: Third Interim Technical Report. United States Army: European Research Office of the U. S. Army. London, England. pp. 7. |
| Thorne, C. R | Current and Historical Sediment Loads in the Lower Mississippi River: Second Interim Technical Report | Thorne, C. R., Harmar, O. P., Watson, C., Clifford, N., Measures, R., Biedenharn, D. (2007). Current and Historical Sediment Loads in the Lower Mississippi River: Second Interim Technical Report. United States Army: European Research Office of the U. S. Army. London, England. pp. 11. |
| Thorne, C. R | Sediment Transport in the Lower Mississippi River: Final Report | Thorne, C. R., Harmar, O. P., Wallerstein, N. (2000). Sediment Transport in the Lower Mississippi River: Final Report. U.S. Army Research, Development and Standardization Group-U.K., London. pp. 53. |
| Thorne, C. R | Regional Sediment Analysis of Mississippi River Sediment Transport and Hydrographic Survey Data | Thorne, C. R., Harmar, O. P., Britnell, S. (2002). Regional Sediment Analysis of Mississippi River Sediment Transport and Hydrographic Survey Data. U.S. Army Research, Development and Standardization Group-U.K., London. pp. 20. |
| Toner, M. | River hydrology and riparian wetlands: a predictive model for ecological assembly | Toner, M., and Kreddy, P. 1997. River hydrology and riparian wetlands: a predictive model for ecological assembly, Ecol. Appl. 7: 236-246. |
| Törnqvist, T. E | Mississippi Delta subsidence primarily caused by compaction of Holocene strata. | Törnqvist, T. E. et al. Mississippi Delta subsidence primarily caused by compaction of Holocene strata. Nature Geosci. 1, 173_176 (2008). |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Trefry, J.H. III | Trace metal fluxes through the Mississippi River delta system | Trefry, J.H. III, Nelson, T.A., Trocine, R.P., Metz, S. and Vetter, T.W. (1986) Trace metal fluxes through the Mississippi River delta system. In Contaminant fluxes through the coastal zone, Kullenberg, G., ed. Rapparts et Proces-Verbaux des Reunions Conseil International pour l'Exploration de la Mer, 186: 277-288. |
| Turner, R | Wetland sedimentation from Hurricanes Katrina and Rita. | Turner, R. et al. Wetland sedimentation from Hurricanes Katrina and Rita. Science 313, 1713_1715 (2006). |
| Turner, R.E | Coastal eutrophication near the Mississippi River Delta | Turner, R.E., and N.N. Rabalais. 1994. Coastal eutrophication near the Mississippi River Delta. Nature 368:619-621. |
| Turner, R.E | Changes in Mississippi River water quality this century—Implications for coastal food webs | Turner, R.E. and N.N. Rabalais. 1991. Changes in Mississippi River water quality this century: Implications for coastal food webs. Bioscience 41:140-147. |
| Tuttle, J. R | Flow Regime and Sediment Load Affected by Alterations of the Mississippi River | Tuttle, J. R., and A. J. Combe. 1981. Flow Regime and Sediment Load Affected by Alterations of the Mississippi River. Proc. of the National Symposium on Freshwater Inflow to Estuaries, 334-48. |
| USACE | Mississippi River, Baton Rouge to Gulf of Mexico; investigations and data collection for model study of Southwest Pass, Mississippi River; prototype investigation: | USACE (USACOE), New Orleans District, 1959, Mississippi River, Baton Rouge to Gulf of Mexico; investigations and data collection for model study of Southwest Pass, Mississippi River; prototype investigation: United States Army Engineer District, New Orleans, v. 1, 41 p., 16 tables; v. 2, 23 pl. |
| USACE | Sediment Transport in the Lower Mississippi River | Thorne, C.R., O.P. Harmar, and N. Wallerstein. 2000. Sediment Transport in the Lower Mississippi River. U.S. Army Corps of Engineers, Washington, DC. |
| USACE | Environmental assessment; Mississippi River and Louisiana estuarine areas, freshwater diversion to Lake Pontchartrain Basin and Mississippi Sound; Diversion effects on Lake Pontchartrain and reduction in conveyance channel excavation impacts; Lake Pontchartrain water quality assessment | USACE (1994). Environmental assessment; Mississippi River and Louisiana estuarine areas, freshwater diversion to Lake Pontchartrain Basin and Mississippi Sound; Diversion effects on Lake Pontchartrain and reduction in conveyance channel excavation impacts; Lake Pontchartrain water quality assessment. U. S. Army Corps of Engineers, New Orleans, LA. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| USACE | Deep draft access to the ports of New Orleans and Baton Rouge. Draft Environmental Impact Statement | USACE. (1974). Deep draft access to the ports of New Orleans and Baton Rouge. Draft Environmental Impact Statement, U.S. Army Corps of Engineers, New Orleans District, New Orleans, Louisiana. |
| USACE | Fine-grained Alluvial Deposits and their Effects on Mississippi River Activity | Fisk HN. 1947. Fine-grained Alluvial Deposits and their Effects on Mississippi River Activity. US Army Corps of Engineers, Mississippi River Commission: Vicksburg, MS. |
| USACE | Mississippi River Sediment, Nutrient, and Freshwater Redistribution Study | USACE. 2000. Mississippi River Sediment, Nutrient, and Freshwater Redistribution Study, U.S. Army Corps of Engineers, New Orleans, LA |
| USACE | MRC/LMVD Task Group Study of Navigation and Freshwater Diversion Projects Baton Route to the Gulf | USACE, Lower Mississippi Valley Division (LMVD) and Mississippi River Commission (MRC). 1985. MRC/LMVD Task Group Study of Navigation and Freshwater Diversion Projects Baton Route to the Gulf. |
| Viosca, P., Jr | Flood Control in the Mississippi Valley in it's Relation to Louisiana Fisheries | Viosca, P., Jr. (1928) Flood Control in the Mississippi Valley in it's Relation to Louisiana Fisheries , 1927, Convention of the American Fisheries Society, Tehnical Paper No. 4, Department of Conservation, New Orleans Court Building. |
| Walker, N. D | Tropical Storm and Hurricane Wind Effects on Water Level, Salinity, and Sediment Transport in the River-influenced Atchafalaya-Vermilion Bay System, Louisiana, USA | Walker, N. D. (2001) Tropical Storm and Hurricane Wind Effects on Water Level, Salinity, and Sediment Transport in the River-influenced Atchafalaya-Vermilion Bay System, Louisiana, USA. Estuaries. 24:4. p 498-508. |
| Walker, N.D | Satellite-based assessment of the Mississippi River discharge plume's spatial structure and temporal variability | Walker, N.D. 1994. Satellite-based assessment of the Mississippi River discharge plume's spatial structure and temporal variability. OCS Study MMS 94-0053. U.S. Dept. of the Interior, Mineral Management Service, Gulf of Mexico OCS Region, New |
| Walker, Nan | Effects of River Discharge, Wind Stress, and Slope Eddies on Circulation and the Satellite-Observed Structure of the Mississippi River Plume | |
| Walters WH | Long-term changes of Lower Mississippi River meander geometry. | Walters WH, Simons DB. 1983. Long-term changes of Lower Mississippi River meander geometry. River Meandering. American Society of Civil Engineers: New York. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Welder, F. A | Processes of deltaic sedimentation in the lower Mississippi River | Welder, F. A. 1959. Processes of deltaic sedimentation in the lower Mississippi River. Technical Report 12, Coastal Studies Institute, Louisiana State University, Baton Rouge, Louisiana. |
| Wells, F.C | Hydrology and water quality of the lower Mississippi River | Wells, F.C., 1980. Hydrology and water quality of the lower Mississippi River: Louisiana Office of Public Works Technical Report 21. |
| Wells, F.C. | Hydrology and Water Quality of the Lower Mississippi River | Wells, F.C. 1980. Hydrology and Water Quality of the Lower Mississippi River. Louisiana Office of Public Works Technical Report 21. Department of Transportation and Development, Baton |
| Westphal, J.A. | Mississippi River dikes and stage-discharge relations | Westphal, J.A., Munger, P.R., Muir, C.D., 1976. Mississippi River dikes and stage-discharge relations. Rivers '76, American Society of Civil Engineers Symposia on Inland Waterways for Navigation, Flood Control and Water Diversion, pp. 1383–1398. |
| Williams A. J. | A preliminary analysis of the correlation of food-web characteristics with hydrology and nutrient gradients in the southern Everglades | Williams AJ, Trexler JC (2006) A preliminary analysis of the correlation of food-web characteristics with hydrology and nutrient gradients in the southern Everglades. Hydrobiologia 569:493–504 |
| Wilson, C. S | The Mississippi River and its Role in Restoration Efforts. | Wilson, C. S. (2008) The Mississippi River and its Role in Restoration Efforts. Power Point Presentation given in May 2008. Hosted by LDNR in Baton Rouge, Louisiana. |
| Winer, H. S | Re-engineering the Mississippi River as a sediment delivery system freshwater diversion structure | Winer, H.S.. 2007. Re-engineering the Mississippi River as a sediment delivery system. Coastal Sediments '07 - Proceedings of 6th International Symposium on Coastal Engineering and Science of Coastal Sediment ProcessesNew Orleans, LA, United States: American Society of Civil Engineers, Reston, VA 20191- 4400, United States. |
| Winkley BR | Man-made cutoffs on the Lower Mississippi River, conception, construction, and river response | Winkley BR. 1977. Man-made cutoffs on the Lower Mississippi River, conception, construction, and river response. US Army Corps of Engineers Vicksburg District: Vicksburg, MS. |
| Wissel, B. | Tracing Mississippi River Influences in Esturine Food Webs of Coastal Louisiana | Wissel, B., Fry, B. (2005). Tracing Mississippi River Influences in Esturine Food Webs of Coastal Louisiana. Oecologia. Vol. 144. pp659-672. |

| Author 1 | Title | Complete Reference |
| --- | --- | --- |
| Wissel, B. | Tracing River Influences on Phytoplankton Dynamics in Two Louisiana Estuaries | Wissel, B., Gace, A., Fry, B. (2005). Tracing River Influences on Phytoplankton Dynamics in Two Louisiana Estuaries. Ecology, Vol. 86, No. 10. pp. 2751-2762. |
| Wissel, B. | Tracing Mississippi River influences in estuarine food webs of costal Louisiana | Wissel, B., Bryan, Fry. 2005. Tracing Mississippi River influences in estuarine food webs of costal Louisiana. Oecologia. 144:659- |
| Zimmermann, C. | Transverse bed slopes in curved alluvial streams. | Zimmermann, C. and Kennedy, J.F. (1978): Transverse bed slopes in curved alluvial streams. Proc. ASCE, J. Hydraul. Div., 104(HYI):33-48. |

# SEDIMENTS LITERATURE

| Author 1 | Title | Complete Reference |
|---|---|---|
| Abbott, M.B | Numerical modeling of free-surface flows that are two-dimensional in plan. | Abbott, M.B., McCowan, A. and Warren, I.R. (1981): Numerical modeling of free-surface flows that are two-dimensional in plan. In: Transport Models for Inland and Coastal Waters, Proc. Symp. Predictive ability, Berkeley, CA 1980, Ed. By H.B> Fishcher, London Academic Press, pp. 222-283. |
| Adams, C. E | A model of the effects of sedimentation rate on the stability of Mississippi Delta sediments | Adams, C. E., and H.H. Roberts. 1993. A model of the effects of sedimentation rate on the stability of Mississippi Delta sediments. Geo-Marine Letters 13, no. 1: 17-23. |
| Akers, C. R | Sedimentation of a Flatland Watershed in Louisiana | Akers, C. R. 1976. Sedimentation of a Flatland Watershed in Louisiana. Proceedings of the Third Federal Inter-Agency Sedimentation Conference. |
| Alawady, M | Effect of Diverting Mississippi River Water to Texas on Sedimentation in the River | Alawady, M. 1974. Effect of Diverting Mississippi River Water to Texas on Sedimentation in the River, Completion Report A-029-LA. Louisiana Water Resources Research Institute, Baton Rouge, |
| Allen, JRL | Sedimentary Structures: Their character and physical basis. | Allen, JRL (1982): Sedimentary Structures: Their character and physical basis. Elevier, Amsterdam. |
| Allison, M. A | The Supply Side of Mississippi River Delta Restoration: Can the River Provide the Sediment We Need? | Allison, M. A., J.A. Nittrouer, and J.J. Galler. 2005. The Supply Side of Mississippi River Delta Restoration: Can the River Provide the Sediment We Need? American Geophysical Union, 2005 Fall Meeting. |
| Allison, M. A. | Assessing Quantity and Quality of Sand Available in the Lower Mississippi River Channel for Coastal Marsh and Barrier Island Restoration in Louisiana | Allison, M. A., Nittrouer, J. A. (2004). Assessing Quantity and Quality of Sand Available in the Lower Mississippi River Channel for Coastal Marsh and Barrier Island Restoration in Louisiana. Governor's Applied Coastal Research and Development Program. Baton Rouge, Louisiana. |
| Allison, M. A. | Carbon burial on river-dominated continental shelves: Impact of historical changes in sediment loading adjacent to the Mississippi River | Allison, M. A., Bianchi, T. S., McKee, B. A., Sampere, T. P. (2007). Carbon burial on river-dominated continental shelves: Impact of historical changes in sediment loading adjacent to the Mississippi River. Geophysical Research Letters. 34. pp 6. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Allison, M.A | Development and reworking of a seasonal flood deposit on the inner continental shelf off the Atchafalaya River | Allison, M.A., Kineke, G.C., Gordon, E.S., Goni, M.A., 2000. Development and reworking of a seasonal flood deposit on the inner continental shelf off the Atchafalaya River. Continental Shelf Research 20, 2267–2294. |
| Andrus, Mitch | Sediment Flux and Fate in the Mississippi River Diversion at West Bay: Observation Study | Andrus, M.T. 2007. Sediment Flux and Fate in the Mississippi River Diversion at West Bay: Observation Study. Master's Thesis, Department of Oceanography and Coastal Sciences, Louisiana State University, (http://etd.lsu.edu/docs/available/etd-11122007-184535/) |
| Bagnold, RA, | The flow of cohesionless grains in fluids. | Bagnold, RA, (1956): The flow of cohesionless grains in fluids. Phil Trans Roy Soc Lond, NO 964, Vol 249, pp 235-297. |
| Bakker, W. T. | Sand concentration in an oscillatory flow. | Bakker, W. T. (1974): Sand concentration in an oscillatory flow. Proc. Coastal Eng. Conf., pp. 1129-1148. |
| Baldwin DS | The effects of drying and re-flooding on the sediment and soil nutrient dynamics of lowland river-floodplain systems: a synthesis | Baldwin DS, Mitchell AM. 2000. The effects of drying and re-flooding on the sediment and soil nutrient dynamics of lowland river-floodplain systems: a synthesis. Regulated Rivers: Research & Management 16: 457–467. |
| Barbe, D. E | Effects on Dredging Due to Diversions From the Lower Mississippi River | Barbe, D. E., K. Fagot, and J. A. Mccorquodale. 2000. Effects on Dredging Due to Diversions From the Lower Mississippi River. Journal of Waterway Port Coastal and Ocean Engineering-ASCE 126, no. 3: 121-29. |
| Baumann, R | Mississippi Deltaic Wetland Survival: Sedimentation versus Coastal Submergence | Baumann, R., J.W. Day, and C. Miller. 1984. Mississippi Deltaic Wetland Survival: Sedimentation versus Coastal Submergence. Science 224: 1093-95. |
| Belhadjali, K | Ecological Review: Freshwater Introduction South of Highway 82 | Belhadjali, K., and A. Brass. 2004. Ecological Review: Freshwater Introduction South of Highway 82, Louisiana Department of Natural Resources. |
| Bentley Sr., S.J | Dispersal of Fine Sediments from River to Shelf: Process and Product | Bentley Sr., S.J., 2002. Dispersal of Fine Sediments from River to Shelf: Process and Product. Gulf Coast Association of Geological Societies Transactions, Vol. 52. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Bentley, S.J | Transport and accumulation of cohesive fluvial sediments on the inner shelf: From the Atchafalaya River downdrift to the Louisiana Chenier Plain | Bentley, S.J., K. Rotondo, H.H. Roberts, G.W. Stone, and O.K. Huh. 2003. Transport and accumulation of cohesive fluvial sediments on the inner shelf: From the Atchafalaya River downdrift to the Louisiana Chenier Plain. Proceedings of the International Conference on Coastal Sediments 2003. World Scientific Publishing Corporation and East Meets West Productions, Corpus Christi, TX. |
| Bianchi, T. S | Sources of terrestrially derived carbon in the Lower Mississippi River and Louisiana shelf: Implications for differential sedimentation and transport at the coastal margin | Bianchi, T. S., S. Mitra, and B. A. McKee (2002), Sources of terrestrially derived carbon in the Lower Mississippi River and Louisiana shelf: Implications for differential sedimentation and transport at the coastal margin, Mar. Chem., 77, 211 –223. |
| Bianchi, T.S | Hydrodynamic sorting and transport of terrestrially derived organic carbon in sediments of the Mississippi and Atchafalaya Rivers | Bianchi, T.S., Galler, J.J., and Allison, M.A., 2007, Hydrodynamic sorting and transport of terrestrially derived organic carbon in sediments of the Mississippi and Atchafalaya Rivers: Estuarine, coastal and shelf science, v. 73, p. 211–222 |
| Biedenharn, D. S | Frequency analysis of sediment transport in the lower Mississippi River. Regulated Rivers: Research & Management | Biedenharn, D. S., and C. R. Thorne. 1994. Magnitude-frequency analysis of sediment transport in the lower Mississippi River. Regulated Rivers: Research & Management 9, no. 4: 237-51. |
| Blum, Michael D | Drowning of the Mississippi Delta due to insufficient sediment supply and global sea-level rise | Blum, Michael D., and Harry H. Roberts.2009. Drowning of the Mississippi Delta due to insufficient sediment supply and global sea-level rise. Macmillan Publishers Limited. Nature Geoscience. 2, 488-491 |
| Boczar-Karakiewicz, B. | Mathematical Modeling of Sand Bars in Coastal Environments. | Boczar-Karakiewicz, B.., Bona, J.L. and Chapalain, G. (1989): Mathematical Modeling of Sand Bars in Coastal Environments. Proc. Int. Symp., Sediment Transport Modeling, ASCE, New Orleans, |
| Bonnet Carre Reanalysis Technical Team | Assessment of Potential Water and Sediment Quality Impacts Resulting From the Bonnet Carre Freshwater Diversion Reanalysis Alternative | Bonnet Carre Reanalysis Technical Team. 1995. Assessment of Potential Water and Sediment Quality Impacts Resulting From the Bonnet Carre Freshwater Diversion Reanalysis Alternative. |
| Boumans, R. | The effect of intertidal sediment fences on wetland surface elevation, wave energy and vegetation establishment in two Louisiana coastal marshes | Boumans, R., Day, J. W., Kemp, G. P., and Kilgen, K. 1997. The effect of intertidal sediment fences on wetland surface elevation, wave energy and vegetation establishment in two Louisiana coastal marshes. Ecological Engineering 9, 37-50. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Boumans, R. | High precision measurements of sediment elevation in shallow coastal areas using a sedimentation-erosion table. | Boumans, R. and J. Day. 1993. High precision measurements of sediment elevation in shallow coastal areas using a sedimentation-erosion table. Estuaries. 16:375-380. |
| Boumans, R. M | Effects of two Louisiana marsh management plans on water and material flux and short term sedimentation | Boumans, R. M. and J. W. Day. 1994. Effects of two Louisiana marsh management plans on water and material flux and short term sedimentation. Wetlands 14:247–261. |
| Broker, Ida H. | Wave generated ripples and resulting sediment transport in waves | Broker, Ida H. (1985): Wave generated ripples and resulting sediment transport in waves. Series paper No. 36, Inst. Of Hydrodynamics and Hydraulic Engineering, ISVA, Techn. Univ. of Denmark. |
| Bruun, P | Sea level rise as a cause of shore erosion. | |
| Bruun, P. | Review of conditions for uses of the Bruun rule of erosion. | Bruun, P. (1983): Review of conditions for uses of the Bruun rule of erosion. Coastal Engineering, 7:77-89. |
| Caffery, J | Variability of nutrient and suspended sediments in Fourleague Bay, Louisiana, and the role of physical factors | Caffrey, J. and J. Day. 1986. Variability of nutrient and suspended sediments in Fourleague Bay, Louisiana, and the role of physical factors. Estuaries. 9:295-300. |
| Caffrey JM | Influence of the submersed plant, Potamogeton perfoliatus, on nitrogen cycling in estuarine sediments | Caffrey JM, Kemp WM. 1992. Influence of the submersed plant, Potamogeton perfoliatus, on nitrogen cycling in estuarine sediments. Limnology and Oceanography 37(7): 1483–1495. |
| Cahoon, D | Recent accretion in two managed marsh impoundments in coastal Louisiana | Cahoon, D. 1994. Recent accretion in two managed marsh impoundments in coastal Louisiana. Ecological Applications 4:166– 176. |
| Cahoon, D | The influence of surface and shallow subsurface soil processes on wetland elevation: A synthesis | Cahoon, D., J. Day, and D. Reed. 1999. The influence of surface and shallow subsurface soil processes on wetland elevation: A synthesis. Current Topics in Wetland Biogeochemistry. 3:72-88. |
| Cahoon, D | Estimating shallow subsidence in microtidal salt marshes of the southeastern United States: Kaye and Barghoorn revisited. | Cahoon, D., D. Reed, and J. Day. 1995. Estimating shallow subsidence in microtidal salt marshes of the southeastern United States: Kaye and Barghoorn revisited. Marine Geology, 128: 1-9. |
| Cahoon, D. R. | A Method for Measuring Vertical Accretion, Elevation, and Compaction of Soft, Shallow-Water Sediments | Cahoon, D. R., Marin, P. E., Black, B. K., Lynch, J. C. (2000). A Method for Measuring Vertical Accretion, Elevation, and Compaction of Soft, Shallow-Water Sediments. Journal of Sedimentary Research. 70:5 p1250-1253. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Cahoon, DR | The influence of Hurricane Andrew on sediment distribution in Louisiana coastal marshes | Cahoon, DR, D. J. Reed, J.W. Day, Jr., G.D. Steyer, R.M. Boumans, J.C. Lynch, D. McNally, and N. Latif. 1995. The influence of Hurricane Andrew on sediment distribution in Louisiana coastal marshes. Journal of Coastal Research, Special Issue No. 21: 280-294. |
| Callaway, J.C. | Sediment accretion in coastal wetlands: a review and a simulation model of processes | Callaway, J.C., J.A. Nyman, and R.D. DeLaune. 1996. Sediment accretion in coastal wetlands: a review and a simulation model of processes. Current Topics in Wetland Biogeochemistry. 2:2-23. |
| Campbell, T | Development of a Conceptual Morphosedimentary Model for Design of Coastal Restoration Projects Along the Louisiana Coast | Campbell, T. 2005. Development of a Conceptual Morphosedimentary Model for Design of Coastal Restoration Projects Along the Louisiana Coast. Journal of Coastal Research: 234-44. |
| Carpenter, K | Effects of Adding Sediment to a Freshwater Thin Mat Floating Marsh | Carpenter, K. (2005). Effects of Adding Sediment to a Freshwater Thin Mat Floating Marsh. Master's Thesis, Louisiana State University. Baton Rouge, Louisiana. USA. |
| Cavanaugh, J. C | Nitrogen dynamics in sediment during water level manipulation on the upper Mississippi River | Cavanaugh, J. C., Richardson, W. B., Strauss, E. A., Bartsch, L. A. (2006). Nitrogen dynamics in sediment during water level manipulation on the upper Mississippi River. River research and applications 22, no 6: 651-666. |
| Chabreck, R.H. | Vegetation, Water and Soil Characteristics of the Louisiana Coastal Region. | Chabreck, R.H. 1972. Vegetation, Water and Soil Characteristics of the Louisiana Coastal Region. Louisiana State University, Agricultural Experiment Station Bulletin No. 664, Baton Rouge, LA, USA. |
| Chena, Z. | Sedimentological and ecohydrological processes of Asian deltas: The Yangtze and the Mekong | Chena, Z., Watanabeb, M., Wolanskic, E. (2007). Sedimentological and ecohydrological processes of Asian deltas: The Yangtze and the Mekong. Estuarine, Coastal and Shelf Science. 71:1 and 71:2. p 181-193. |
| Childers, D | A flow-through flume technique for quantifying nutrient and materials fluxes in microtidal estuaries | Childers, D., and J. Day. 1988. A flow-through flume technique for quantifying nutrient and materials fluxes in microtidal estuaries. Estuarine, Coastal, and Shelf Science. 27(5):483-494. |
| Childers, D.L | Marsh-water column interactions in two Louisiana estuaries. 1. Sediment dynamics | Childers, D.L. and J.W. Day, Jr. 1990a. Marsh-water column interactions in two Louisiana estuaries. 1. Sediment dynamics. Estuaries 13:393-403. |
| Clarke SJ | Vegetation growth in rivers: influences upon sediment and nutrient dynamics | Clarke SJ. 2002. Vegetation growth in rivers: influences upon sediment and nutrient dynamics. Progress in Physical Geography 26(2): 159–172. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Clift, R | Bubbles, drops, and particles. | Clift, R, RJ, Grace, & ME Weber, (1978): Bubbles, drops, and particles. Academic Press, New York. |
| Coffey, FC | Current profiles in the presence of waves and the hydraulic roughness of sand beds | Coffey, FC (1987): Current profiles in the presence of waves and the hydraulic roughness of sand beds. Ph D Thesis, Univ of Sydney, 252 pp. |
| Coleman, J. M | Mass Movement of Mississippi River Delta Sediments. Proceedings, Gulf Coast Assocation of Geological Societites | Coleman, J. M., J. N. Suhayda, T. Whelan, and L. D. Wright. 1974. Mass Movement of Mississippi River Delta Sediments. Proceedings, Gulf Coast Assocation of Geological Societites, 49-68. |
| Coleman, J. M | Sediment Instability in the Mississippi River Delta | Coleman, J. M., H. J. Walker, and W. E. Grabau. 1998. Sediment Instability in the Mississippi River Delta. Journal of Coastal Research 14, no. 3: 872-81. |
| Coleman, N.L. | Velocity profiles with suspended sediment. | Coleman, N.L. (1981): Velocity profiles with suspended sediment. J. Hydr. Res., 19:211-229. |
| Coleman, NL, | Flume studies of the sediment transfer coefficient, | Coleman, NL, (1970): Flume studies of the sediment transfer coefficient, Water Resource Res, 6(3), pp 801-809. |
| Conner, W. | Bottomlands hardwood productivity: case study in a rapidly subsiding, Louisiana, USA, watershed. | Conner, W., J. Day, and W. Slater. 1993. Bottomlands hardwood productivity: case study in a rapidly subsiding, Louisiana, USA, watershed. Wetlands Ecology and Management. 2:189-197. |
| Conner, W. H. | Variations in vertical accretion in a Louisiana swamp. | Conner, W. H. and J. W. Day, Jr. 1991. Variations in vertical accretion in a Louisiana swamp. J. Coastal Research. 7(3):617-622. |
| Connotea T. Mitchell-Andrus | Sediment Flux and Fate in the Mississippi River Diversion at West Bay: Observation Study | Connotea T. Mitchell-Andrus, and Bentley, S. J. (2007). Sediment Flux and Fate in the Mississippi River Diversion at West Bay: Observation Study. In Coastal Sediments 2007, Kraus, N. C., Rosati, J. D. (eds.). New Orleans, Louisiana, May 13–17, 2007. |
| Corbett, D. | Nature of decadal-scale sediment accumulation on the western shelf of the Mississippi river delta. | Corbett, d. R, B. Mckee, and M. Alison (2006). Nature of decadal-scale sediment accumulation on the western shelf of the Mississippi river delta. Continental Shelf Research. 26, 2125-2140. |
| Corbett, D. R | An evaluation of mobile mud dynamics in the Mississippi River deltaic region | Corbett, D. R., B. A. McKee, and D. Duncan (2004), An evaluation of mobile mud dynamics in the Mississippi River deltaic region, Mar. Geol., 209, 91–112. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Corbett, D. R | High-Frequency Time-Series of the Dynamic Sedimentation Processes on the Western Shelf of the Mississippi River Delta | Corbett, D. R., M. Dail, and B. Mckee. 2007. High-Frequency Time-Series of the Dynamic Sedimentation Processes on the Western Shelf of the Mississippi River Delta. Continental Shelf Research 27, no. 10-11: 1600-1615. |
| Corbett, D.C | Nature of decadalscale sediment accumulation on the Western Shelf of the Mississippi River Delta | Corbett, D.C., McKee, B., Allison, M., 2006. Nature of decadalscale sediment accumulation on the Western Shelf of the Mississippi River Delta. Continental Shelf Research 26, 2125–2140. |
| Costanza, R | Mississippi River Sediment, Nutrient, & Freshwater Redistribution Study, Modeling Coastal Landscape Dynamics | Costanza, R., F. H. Sklar, and M. L. White (1990).Mississippi River Sediment, Nutrient, & Freshwater Redistribution Study, Modeling Coastal Landscape Dynamics. BioScience, 40(2) 91-107. |
| Crocker, JA | Sediment deposition in Lake Pontchartrain from the 1973 Bonnet Carre Spillway operation | Crocker, JA. 1988. Sediment deposition in Lake Pontchartrain from the 1973 Bonnet Carre Spillway operation. Master's Thesis University of New Orleans, Dept of Geology and Geophysics. |
| CWPPRA | Mississippi River Sediment, Nutrient, and Freshwater Redistribution Study. Draft Report and Environmental Resource Document | CWPPRA, 2000. Mississippi River Sediment, Nutrient, and Freshwater Redistribution Study. Draft Report and Environmental Resource Document. July, 2000. |
| Dardeau, E. A. | Sediment Transport Modeling, Mississippi River Sediment Studies | Dardeau, Elba A., 1989. Sediment Transport Modeling, Mississippi River Sediment Studies. Prepaired for the U. S. Army Corps of Engineers, American Society of Civil Engineers, Reston, Virginia. |
| Davies, D. K | Dispersal of Mississippi Sediment in the Gulf of Mexico | Davies, D. K, and R. W. Moore. 1970. Dispersal of Mississippi Sediment in the Gulf of Mexico. Journal of Sedimentary Petrology 40, no. 1: 339-53. |
| Day, J | Estuarine Ecology | Day, J. C. Hall, M. Kemp, and A. Y ez-Arancibia. 1989. Estuarine Ecology. Wiley Interscience, New York. 576 pp. |
| Day, J | Relative sea level rise and Venice Lagoon wetlands | Day, J., A. Rismondo, F. Scarton, D. Are, and G. Cecconi. 1998. Relative sea level rise and Venice Lagoon wetlands. Journal of Coastal |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Day, J. | Environmental conditions in the Louisiana coastal zone. | Day, J., D. Culley, A. Mumphrey, and E. Turner, eds. 1979. Environmental conditions in the Louisiana coastal zone. Proc. Third Coastal Marsh Estuary Management Symposium. Division of Continuing Education, Louisiana State University. Baton Rouge. 511 p. |
| De Groot CJ | The impact of desiccation of a freshwater marsh (Garcines Nord, Camargue, France) on sediment-water vegetation interactions | De Groot CJ, Van Wijck C. 1993. The impact of desiccation of a freshwater marsh (Garcines Nord, Camargue, France) on sediment-watervegetation interactions. Hydrobiologia 252: 83–94. |
| De Vriend, H.J | 2DH mathematical modeling of morphological evolutions in shallow water. | De Vriend, H.J. (1987): 2DH mathematical modeling of morphological evolutions in shallow water. Coastal Engineering. 11:1-27. |
| Deigaard, R | Engineering Models for Coastal Sediment Transport. | Deigaard, R., Hedegaard, I.B., Holst Anderson, O. and Fredsoe, J. (1989): Engineering Models for Coastal Sediment transport. Proc. Int. Symp., Sediment Transport Modeling, ASCE, New Orleans, |
| DeLaune R. D. | Impact of Mississippi River freshwater reintroduction on enhancing marsh accretionary processes in a Louisiana estuary. | DeLaune RD, Jugsujinda A, Peterson GW, Patrick WH Jr (2003) Impact of Mississippi River freshwater reintroduction on enhancing marsh accretionary processes in a Louisiana estuary. Estuar Coast Shelf Sci 58:653–662. |
| Delaune, R. D. | Accumulation of plant nutrients and heavy metals through sedimentation processes and accretion in a Louisiana salt marsh | Delaune, R. D., C. N. Riddy, and W. H. Patrick. 1981. Accumulation of plant nutrients and heavy metals through sedimentation processes and accretion in a Louisiana salt marsh. Estuaries 4(4):328-334. |
| DeLaune, R.D | Some Influences of Sediment Addition to a Deteriorating Salt Marsh in the Mississippi River Deltaic Plain: A Pilot Study | DeLaune, R.D., S.R. Pezeshki, J.H. Pardue, J.H. Whitcomb, and W.H. Patrick, Jr. 1990. Some Influences of Sediment Addition to a Deteriorating Salt Marsh in the Mississippi River Deltaic Plain: A Pilot Study. Journal of Coastal Research 6(1): 181-188. |
| Delaune, R.D | Development of methods and guidelines for use in maximizing marsh creation at a Mississippi River freshwater diversion site | Delaune, R.D. 2002. Development of methods and guidelines for use in maximizing marsh creation at a Mississippi River freshwater diversion site. DNR Contract No 2512-98-7. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| DeLaune, R.D | Sedimentation Patterns in Rapidly Deteriorating Mississippi River Deltaic Plain Coastal Marshes: Requirement and Response to Sediment Additions. Resource Development of the Lower Mississippi River | DeLaune, R.D., J.A. Nyman, and W.H. Patrick, Jr. 1991. Sedimentation Patterns in Rapidly Deteriorating Mississippi River Deltaic Plain Coastal Marshes: Requirement and Response to Sediment Additions. Resource Development of the Lower Mississippi River, American Water Resources Association. |
| DeLaune, R.D. | Relationships among vertical accretion, coastal submergence, and erosion in a Louisiana Gulf Coast marsh | DeLaune, R.D., R.H. Baumann, and W.H. Patrick. 1983. Relationships among vertical accretion, coastal submergence, and erosion in a Louisiana Gulf Coast marsh. Journal of Sedimentary Petrology 53:147-157. |
| Demas, C. | Suspended-sediment, bottom-material, and associated-chemical data from the lower Mississippi River, Louisiana | Demas, C. (1987). Suspended-sediment, bottom-material, and associated-chemical data from the lower Mississippi River, Louisiana. 1987. |
| Demas, C.R | Suspended-sediment and associated chemical transport characteristics of the lower Mississippi River, Louisiana | Demas, C.R. and Curwick, P.B. (1988) Suspended-sediment and associated chemical transport characteristics of the lower Mississippi River, Louisiana. Louisiana Department of Transportation and Development Water Resources Technical Report No. 45, 44 pp. |
| Dietrich WE | Boundary shear stress, sediment transport and bed morphology in a sand-bedded river meander during high and low flow. In River Meandering. | Dietrich WE, Smith JD, Dunne T. 1983. Boundary shear stress, sediment transport and bed morphology in a sand-bedded river meander during high and low flow. In River Meandering. American Society of Civil Engineers: New York. |
| Doyle, H.W | Sediment transport in a Mississippi River Distributary: Bayou Lafourche, Louisiana | Doyle, H.W. 1972. Sediment transport in a Mississippi River Distributary: Bayou Lafourche, Louisiana. Geological Survey Water – Supply Paper 2008. US Geological Survey, Washington, DC. |
| Draut, A.E | Influence of the Atchafalaya River on recent evolution of the Chenier Plain inner continental shelf northern Gulf of Mexico | Draut, A.E., G.C. Kineke, D.W. Velasco, M.A. Allison, and R.J. Prime. 2005. Influence of the Atchafalaya River on recent evolution of the Chenier Plain inner continental shelf, northern Gulf of Mexico. Continental Shelf Research 25:91-112. |
| Einstein, H.A. | Effects on heavy sediment concentrations near the bed on velocity and sediment distribution. | Einstein, H.A. and Chien, N. (1955): Effects on heavy sediment concentrations near the bed on velocity and sediment distribution. University of California Institute of Engineering Research, MRD, Sediment Series, Report No. 8. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Einstein, H.A. | The bed-load function for sediment transportation in open channel flows. | Einstein, H.A. (1950): The bed-load function for sediment transportation in open channel flows. U.S. Dept. of Agriculture, Techn. Bulletin No. 1026, 71 p. |
| Einstein, H.A. | The bed-load function for sediment transportation in open channel flows. | Einstein, H.A. (1950): The bed-load function for sediment transportation in open channel flows. U.S. Dept. of Agriculture, Techn. Bulletin No. 1026. |
| Eisma, D | locculation and de-fl occulation of suspended matter in estuaries | Eisma, D., 1986, Flocculation and de-fl occulation of suspended matter in estuaries: Netherlands Journal of Sea Research, v. 20, p. 183–199. |
| Engelund, F | Instability of erodible beds. | Engelund, F (1970): Instability of erodible beds. J Fluid Mechanics, Vol 42, pp 225-244 |
| Engelund, F | A Monograph on Sediment transport in Alluvial Streams. | |
| Engelund, F | Transport of bed load at high shear stress. | Engelund, F (1981): Transport of bed load at high shear stress. Progr Rep 53, Inst Hydrodynamic and Hydraulic Engin, Tech Univ Denmark, 31-35 |
| Engelund, F. | The development of oblique dunes, part 2. | Engelund, F. (1974): The development of oblique dunes, part 2. Progress Report No. 32, Inst. of Hydrodynamics and Hydraulic Engineering, ISVA, Techn. Univ. of Denmark, pp.37-40. |
| Engelund, F. | Sediment ripples and dunes. | Engelund, F. and Fredsoe, J. (1982): Sediment ripples and dunes. Annual Review of Fluid Mechanics, 14:13-37. |
| Engelund, F. | Steady transport of moderately graded sediment (part 2) | Engelund, F. (1975): Steady transport of moderately graded sediment (part 2). Progress Report No. 35, Inst. of Hydrodynamics and Hydraulic Engineering, ISVA, Techn. Univ Denmark, pp 31-36. |
| Engelund, F. | The development of oblique dunes. | Engelund, F. (1974): The development of oblique dunes. Progress Report No. 31, Inst. of Hydrodynamics and Hydraulic Engineering, ISVA, Techn. Univ. of Denmark, pp 25-30. |
| Englelund, F. | A sediment transport model for straight alluvial channels. | Englelund, F. and Fredsoe, J (1976): A sediment transport model for straight alluvial channels. Nordic Hydrology 7:293-306. |
| EPA | Assessment of potential water and sediment quality impacts resulting from the Bonnet Carré freshwater diversion reanalysis alternative | EPA, 1995. Assessment of potential water and sediment quality impacts resulting from the Bonnet Carré freshwater diversion reanalysis alternative. Prepared by the Bonnet Carré Reanalysis Technical Team, U.S. Environmental Protection Agency, Region 6, Dallas, TX. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Ferina, N. F. | Preliminary Assessment of Recent Deposition Related to a Crevasse Splay on the Mississippi River Delta: Implications for Coastal Restoration | Ferina, N. F., Flocks, J. G., Kindingerl, J. L., Miner, M. D., Motti, J. P., Chadwick, P. C., Johnston, J. C. (2005). Preliminary Assessment of Recent Deposition Related to a Crevasse Splay on the Mississippi River Delta: Implications for Coastal Restoration. Proceedings from the 56th Annual Convention of the Gulf Coast Association of Geological Societies, Lafayette, Louisiana, September 25-27, 2006. |
| Fernandez-Luque, R | Erosion and transport of bed-load sediment. | Fernandez-Luque, R (1974): Erosion and transport of bed-load sediment. Dissertation KRIPS Repro BV, Meppel, The Netherlands. |
| Finkl, C. W | Saving America's Wetland: Strategies for Restoration of Louisiana's Coastal Wetlands and Barrier Islands | Finkl, C. W., and S. M. Khalil.. 2005. Saving America's Wetland: Strategies for Restoration of Louisiana's Coastal Wetlands and Barrier Islands - Introduction. Journal of Coastal Research: 2-6. |
| Finkl, Charles | Fluvial Sand Sources for Barrier Island Restoration in Louisiana: Geotechnical Investigations in the Mississippi River | |
| Fishman MJ | Methods of analysis by the U.S. Geological Survey National Water Quality Laboratory; determination of inorganic and organic constituents in water and fluvial sediments | Fishman MJ (1993) Methods of analysis by the U.S. Geological Survey National Water Quality Laboratory; determination of inorganic and organic constituents in water and fluvial sediments. U.S. Geological Survey Open-File Report 93-125 |
| Fisk, H. N. | Bar-finger sands of the Mississippi delta | Fisk, H. N. 1961. Bar-finger sands of the Mississippi delta, p. 29– 52. In Geometry of Sandstone Bodies. American Association of Petroleum Geologists. Tulsa, Oklahoma. |
| Frazier, D. E. | Recent deposits of the Mississippi River, their development and chronology | Frazier, D. E. 1967. Recent deposits of the Mississippi River, their development and chronology. Gulf Coast Association of Geological Societies Transactions 17, 287-311. |
| Frazier, D.E. | Recent deltaic deposits of the Mississippi River: their development and chronolog | Frazier, D.E. 1967. Recent deltaic deposits of the Mississippi River: their development and chronology. Gulf Coast Assoc. Geol. Soc. Trans. 27: 287-315. |
| Fredsoe, J. | The development of oblique dunes, part 3. | Fredsoe, J. (1974): The development of oblique dunes, part 3. Progress Report No. 33, Inst. of Hydrodynamics and Hydraulic Engineering, ISVA, Techn. Univ. of Denmark, pp. 15-22. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Fredsoe, J. | The development of oblique dunes, part 4. | Fredsoe, J. (1974): The development of oblique dunes, part 4. Progress Report No. 33, Inst. of Hydrodynamics and Hydraulic Engineering, ISVA, Techn. Univ. of Denmark, pp. 25-39. |
| Fredsoe, J. | Unsteady flow in straight alluvial streams: Part 2. Transition from dunes to plane bed. | Fredsoe, J. (1979): Unsteady flow in straight alluvial streams: Part 2. Transition from dunes to plane bed. J. Fluid Mech., 102:431-453. |
| Fredsoe, J. | Unsteady flow in straight alluvial streams: modification of individual dunes. | Fredsoe, J. (1979): Unsteady flow in straight alluvial streams: modification of individual dunes. J. Fluid Mech., Vol. 91, part 3, pp497-512. |
| Gagliano, S. M | Geological Characterization of Potential Receiving Areas for the Central and Eastern Terrebonne Basin Freshwater Delivery Project | Gagliano, S. M., and K.M. Wicker. 2003. Geological Characterization of Potential Receiving Areas for the Central and Eastern Terrebonne Basin Freshwater Delivery Project, Baton Rouge, LA. |
| Galappatti, G. | A depth-integrated model for suspended sediment transport | Galappatti, G. and Vreugdenhil, C.B. (1985): A depth-integrated model for suspended sediment transport. J Hydraul. Res., 23(4):359-377. |
| Galler, J. J. | Estrarine controls on fine-grained sediment storage in the lower Mississippi and Atchafalaya Rivers | Galler, J. J., Allison, M. A. (2007) Estrarine controls on fine-grained sediment storage in the lower Mississippi and Atchafalaya Rivers. Geological Society of America Bulletin; March/April 2008; v. 120; no. 3/4; p. 386–398. |
| Garcia, M. | Entrapment of bed sediment into suspension. | Garcia, M. and Parker G. (1991): Entrapment of bed sediment into suspension. Proc. ASCE, J. Hydr. Div., 1174):414-435. |
| Geho, E.M. | Quantifying ecological filters: the relative impact of herbivory, neighbours, and sediment on an oligohaline marsh. | Geho, E.M., Campbell, D., Keddy, P.A. 2007. Quantifying ecological filters: the relative impact of herbivory, neighbours, and sediment on an oligohaline marsh. Oikos. In press. |
| Geyer, W.R | The transport, transformation and dispersal of sediment by buoyant coastal flows. | Geyer, W.R., Hill, P.S., Kineke, G.C., 2004. The transport, transformation and dispersal of sediment by buoyant coastal flows. Continental Shelf Research 24, 927–949. |
| Gibbs, R. J. | Amazon River sediment transport in the Atlantic Ocean. | Gibbs, R. J. 1976. Amazon River sediment transport in the Atlantic Ocean. Geology January:45–48. |
| Gibbs, R.J | Coagulation and transport of sediment in the Gironde Estuary | Gibbs, R.J., Tsudy, D.M., Konwar, L., and Martin, J.M., 1989, Coagulation and transport of sediment in the Gironde Estuary: Sedimentology, v. 36, p. 987–999, |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Gilbert GK | The transportation of debris in flowing water. | Gilbert GK (1914): The transportation of debris in flowing water. US Geol Survey, Prof Paper 86. |
| Gleason, M.L | Effect of stem density upon sediment retention by salt marsh cord grass, Spartina alterniflora loisel | Gleason, M.L., Elmer, D.A., Pien, N.C., Fisher, J.S., 1979. Effect of stem density upon sediment retention by salt marsh cord grass, Spartina alterniflora loisel. Estuaries 2, 271"/273. |
| Gonzales, J. L. | Coastal Louisiana in crisis: Subsidence or sea level rise? | Gonzales, J. L. & Törnqvist, T. E. Coastal Louisiana in crisis: Subsidence or sea level rise? Eos 87, 493_498 (2006). |
| Gordon , D. C. | Sedimentation Study of the Mississippi River Schenimann Chute Mississippi River Mils 63 to 57, Hydraulic Micro Model Investigation. Volume 1: Final Technical Report | US Army Core of Engineers (2000). Sedimentation Study of the Mississippi River Schenimann Chute Mississippi River Mils 63 to 57, Hydraulic Micro Model Investigation. Volume 1: Final Technical Report. (USACE Publication #A049873), St Louis District; Gordon , D. C., Devinroy, R. D. pp 38 |
| Gordon, E. S | Controls on the distribution and accumulation of terrigenous organic matter in sediments from the Mississippi and Atchafalaya river margin | Gordon, E. S., and M. A. Goni (2004), Controls on the distribution and accumulation of terrigenous organic matter in sediments from the Mississippi and Atchafalaya river margin, Mar. Chem., 92, 331– 352. |
| Gould, H.R | The Mississippi delta complex | Gould, H.R., 1970. The Mississippi delta complex. In: Morgan, J.P. (Ed.), Deltaic sedimentation: Modern and ancient; Society of Economic Paleontologists and Mineralogists Special Publication vol. 15, pp. 3–30. |
| Hammond, T M | On the threshold of transport and sand-sized sediment under the combined influence of unidirectional and oscillatory flows. | Hammond, T M & M B Collins (1979): On the threshold of transport and sand-sized sediment under the combined influence of unidirectional and oscillatory flows. Sedimentology, Vol 26, pp 795-812. |
| Hanes, D M | A granular fluid model for steady intense bed-load transport. | Hanes, D M & A J Bowen (1985): A granular fluid model for steady intense bed- load transport. J Geophys Res, Vol 90, No C5, pp 9149-9158. |
| Hanes, D M | Observations of rapidly flowing granular fluid materials. | Hanes, D M & D L Inman (1985a): Observations of rapidly flowing granular fluid materials. J Fluid Mech, Vol 150, 357-380. |
| Hanes, D M | A dynamic yield criterion for granular fluid flows. | Hanes, D M & D L Inman (1985b): A dynamic yield criterion for granular fluid flows. J Geophys Res, Vol 90, No B5, 3670-3674. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Hanes, D.M. | The Structure of Intermittent Sand Suspension Events Under Mild Wave Conditions. | Hanes, D.M. (1989): The Structure of Intermittent Sand Suspension Events Under Mild Wave Conditions. Proc. IAHR Symp. On Sediment Transport Modeling, ASCE, New Orleans, Louisiana. |
| Harbor DJ | Dynamics of bedforms in the Lower Mississippi River | Harbor DJ. 1998. Dynamics of bedforms in the Lower Mississippi River. Journal of Sedimentary Research 68: 750–762. |
| Harter, S. K | Patterns of Short-Term Sedimentation in a Freshwater Created Marsh | Harter, S. K., and W. J. Mitsch. 2003. Patterns of Short-Term Sedimentation in a Freshwater Created Marsh. Journal of Environmental Quality 32, no. 1: 325-34. |
| Hatton R. S. | Sedimentation, accretion and subsidence in marshes of Barataria Basin, Louisiana. | Hatton RS, DeLaune RD, Patrick WH Jr (1983) Sedimentation, accretion and subsidence in marshes of Barataria Basin, Louisiana. Limnol Oceanogr 28:494–502 |
| Hatton, R. S | Sedimentation, nutrient accumulation, and early diagenesis in I.ouisiana Barataria Basin Coastal Marshes | Hatton, R. S., W. H. Patrick, and R. D. Delaun. 1982. Sedimentation, nutrient accumulation, and early diagenesis in I.ouisiana Barataria Basin Coastal Marshes. In Kennedy (ed.), Estuarine Comparisons. Academic Press, New York. |
| Hensel, P.F | Short-term sedimentation dynamics in the Rhone River delta, France: the importance of riverine pulsing. | Hensel, P.F., Day, Jr., J.W., Pont, D., Day, J.N., 1998. Short-term sedimentation dynamics in the Rhone River delta, France: the importance of riverine pulsing. Estuaries 21, 52-65. |
| Holm, G.O., Jr. | Vertical Movement and Substrate Characteristics of Oligohaline Marshes Near a High- Sediment, Riverine System | Holm, G.O., Jr., C.E. Sasser, G.W. Peterson, and E.M. Swenson. 2000. Vertical Movement and Substrate Characteristics of Oligohaline Marshes Near a High- Sediment, Riverine System. Journal of Coastal Research 16(1): 164-171. |
| Horikawa, K | Sediment transport under sheet flow condition. | Horikawa, K, A Wantanabe & S Katori (1982): Sediment transport under sheet flow condition. Proc 18th Int Conf on Coastal Eng, Capetown, pp 1335-1352. |
| Horikawa, K. | Coastal sediment processes. | Horikawa, K. (1981): Coastal sediment processes. Ann. Rev. Fluid Mech., 13:9-32. |
| Horikawa, K. | Sediment transport under sheet flow condition. | Horikawa, K., Watanabe, A. and Katori, S. (1982): Sediment transport under sheet flow condition. Proc. 18th Coastal Eng. Conf., ASCE, 2:1335-1352. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Horowitz, A.J | Estimating suspended sediment and trace element fluxes in the Mississippi, Columbia, Colorado and Rio Grande drainage basins | Horowitz, A.J., Kelrick, K.A., and Smith, J.J., 2001, Estimating suspended sediment and trace element fluxes in the Mississippi, Columbia, Colorado and Rio Grande drainage basins: Hydrological Processes, v. 15, p. 1169–1207. |
| Horowitz, A.J. | The effects of the “Great Flood of 1993” on subsequent suspended sediment concentrations and fluxes in the Mississippi River Basin, USA | Horowitz, A.J., 2006, The effects of the “Great Flood of 1993” on subsequent suspended sediment concentrations and fluxes in the Mississippi River Basin, USA, in Sediment dynamics and the hydromorphology of fluvial systems: International Association of Hydrological Sciences Publication 306, p. 110–119. |
| Horowitz, A.J. | Annual suspended sediment and trace element fluxes in the Mississippi, Colorado, and Rio Grande drainage basins. | Horowitz, A.J., Elrick, K.A. and Smith, J.J. (2001) Annual suspended sediment and trace element fluxes in the Mississippi, Colorado, and Rio Grande drainage basins. Hydrological Processes, 15:1169-1207. |
| Huh, O.K | Sedimentation along the eastern Cheneir Plain coast: down drift impact of a delta complex shift | Huh, O.K., Walker, N.D., Moeller, C., 2001. Sedimentation along the eastern Cheneir Plain coast: down drift impact of a delta complex shift. Journal of Coastal Research 17, 72–81. |
| Hurly, P. M | K-Ar Age Studies of Mississippi and Other River Sediments | Hurly, P. M., Brookins, D. G., Pinson, W. H., Hart, S. R., Fairbairn, H. W. (1961) K-Ar Age Studies of Mississippi and Other River Sediments. GSA Bulletin. 72:12 p 1807-1816. |
| Iwai, R. R | Denitrification Potential of Sediment from a Future Mississippi River Diversion Site in Louisiana | Iwai, R. R. 2002. "Denitrification Potential of Sediment from a Future Mississippi River Diversion Site in Louisiana." Louisiana State University. |
| Jansen, RH J | The insitu measurement of sediment transport by means of ultrasound scattering | Jansen, R H J (1978): The insitu measurement of sediment transport by means of ultrasound scattering. Delt Hydraulic Lab Publication No 203. |
| Johnson, C. B | Capacity of Freshwater Marsh to Process Nutrients in Diverted Mississippi River Water | Johnson, C. B. 2004. "Capacity of Freshwater Marsh to Process Nutrients in Diverted Mississippi River Water." Louisiana State University. |
| Johnston CA | Nutrient dynamics in relation to geomorphology of riverine wetlands | Johnston CA, Bridgham SD, Schubauer-Berigan JP. 2001. Nutrient dynamics in relation to geomorphology of riverine wetlands. Soil Science Society of America Journal 65: 557–577. |
| Jones, W. D. | Clay Mineral Composition of Recent Sediments from the Mississippi River Delta | W. D. Jones and Grim, R. E. (1958) Clay Mineral Composition of Recent Sediments from the Mississippi River Delta. Journal of Sedimentary Research. 28:2 p 186-199. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Justesen, P. | Distribution of turbulence and suspended sediment in the wave boundary layer. | Justesen, P. and Fredsoe, J. (1985) Distribution of turbulence and suspended sediment in the wave boundary layer. Progress Report No. 62, Inst. of Hydrodynamics and Hydraulic Engineering. ISVA, Techn. Univ. Denmark, pp. 61-67. |
| Kawai | Diversion ratios of bed load and water discharge to a diversion channel with rigid bed. Doboku Gakkai Rombun-Hokokushu | Kawai, Shigeru, and Kazuo Ashida. 1989. Diversion ratios of bed load and water discharge to a diversion channel with rigid bed. Doboku Gakkai Rombun-Hokokushu/Proceedings of the Japan Society of Civil Engineers 405, no. 2-11: 139-46. |
| Kemble N. E. | Assessing Sediment Toxicity from Navigational Pools of the Upper Mississippi River Using a 28-Day Hyalella azteca Test | Kemble N. E., Brunson E. L.,Canfield T. J., Dwyer F. J., Ingersoll C. G. (1998). Assessing Sediment Toxicity from Navigational Pools of the Upper Mississippi River Using a 28-Day Hyalella azteca Test. Archives of Environmental Contamination and Toxicology, 35:2 181-190. |
| Keown, M. P | Historic Trends in the Sediment Flow Regime of the Mississippi River | Keown, M. P., Jr. E.A. Dardeau, and E.M. Causey. 1986. Historic Trends in the Sediment Flow Regime of the Mississippi River. Water Resources Research 22: 1555-64. |
| Keown, M.P | Characterization of the Suspended- Sediment Regime and Bedload Gradation of the Mississippi River Basin | Keown, M.P., E.A. Dardeau, Jr., and E.M. Causey. 1981. Characterization of the Suspended- Sediment Regime and Bedload Gradation of the Mississippi River Basin. Volumes 1 and 2. Report 1, U.S. Army Corps of Engineers, Vicksburg, MS. |
| Kesel, R. H | Decline in the Suspended Load of the Lower Mississippi River and its Influence on Adjacent Wetlands | Kesel, R. H. 1988. Decline in the Suspended Load of the Lower Mississippi River and its Influence on Adjacent Wetlands. Environmental Geology and Water Sciences 11, no. 3: 271-81. |
| Kesel, R. H | A revised Holocene geochronology for the lower Mississippi valley. | Kesel, R. H. A revised Holocene geochronology for the lower Mississippi valley. Geomorphology 101, 78_89 (2008). |
| Kesel, R. H | An Approximation of the Sediment Budget of the Lower Mississippi River Prior to Major Human Modification | Kesel, R. H., E. Yodis, and D. McCraw. 1992. An Approximation of the Sediment Budget of the Lower Mississippi River Prior to Major Human Modification. Earth Surface Processes and Landforms 17: 711-22. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Kesel, R. H | Modifications to the Sediment Regime of the Lower Mississippi River Flood Plain | Kesel, R. H. 2003. Human Modifications to the Sediment Regime of the Lower Mississippi River Flood Plain. Geomorphology 56, no. 3-4: 325-34. |
| Kesel, R. H | Human Modifications to the Sediment Regime of the Lower Mississippi River Flood Plain | Kesel, R. H. 2003. Human Modifications to the Sediment Regime of the Lower Mississippi River Flood Plain. Geomorphology 56, no. 3-4: 325-34. |
| Kesel, R. H. | Some Effects of Human Modifications on Sand-Bed Channels in Southwestern Mississippi, USA | Kesel, R. H., Yodis, E. G. (1992). Some Effects of Human Modifications on Sand-Bed Channels in Southwestern Mississippi, USA. Environ Geol Water Sci. Vol 20. No 2. pp 93-104. |
| Kesel, R. H. | Status and trends in Mississippi River sediment regime and its role in Louisiana wetland development | Kesel, R. H. and D. Reed. 1995. Status and trends in Mississippi River sediment regime and its role in Louisiana wetland development, p. 79–98. In D. J. Reed (ed.), Status and Historical Trends of Hydrologic Modification, Reduction in Sediment Availability, and Habitat Loss/Modification in the Barataria and Terrebonne Estuarine System. Barataria-Terrebonne National Estuary Program, Publication No. 20, |
| Khalid, R. A | Chemical Availability of Cadmium in Mississippi River Sediment | Khalid, R. A., Gambrell R. P., Patrick, W. H. Jr. (1981) Chemical Availability of Cadmium in Mississippi River Sediment. J of Environmental Quality 10, 523-528 |
| Kim, W | Coastal Louisiana Ecosystem Assessment & Restoration (CLEAR) Program: A Tool to Support Coastal Restoration Vol. IV, | Kim, W. et al. Coastal Louisiana Ecosystem Assessment & Restoration (CLEAR) Program: A Tool to Support Coastal Restoration Vol. IV, Ch. 10 (Final Report to Department of Natural Resources, Coastal Restoration Division, Contract No. 2512-06-02, 2008).. |
| Kirkegaard, Jensen | Measurement of sediment suspension in combinations of waves and currents. | Kirkegaard, Jensen, and Sorenson, T. (1972): Measurement of sediment suspension in combinations of waves and currents. Proc. 13th Int. Conf. Coast. Eng., Vancouver, Canada, 2:1097-1104. |
| Kolb, Charles R. | Sediments Forming the Bed and Banks of the Lower Mississippi River and Their Effect on River Migration | Kolb, Charles R. (2006). Sediments Forming the Bed and Banks of the Lower Mississippi River and Their Effect on River Migration. J of Sedinentology. 2:3 227-234 |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Kuehl, S.A | Sediment deposition, accumulation, and sea bed dynamics in an energetic fine-grained coastal environment | Kuehl, S.A., Nittrouer, C.A., Allison, M.A., Faria, L.E.C., Dukat, D.A., Jaeger, J.M., Pacioni, T.D., Figueiredo, A.G., Underkoffler, E.C., 1996. Sediment deposition, accumulation, and sea bed dynamics in an energetic fine-grained coastal environment. Continental Shelf Research 16, 787–815. |
| Kulp, M. | Geologic Framework, Evolution, and Sediment Resources for Restoration of the Louisiana Coastal Zone | Kulp, M., S. Penland, S. J. Williams, C. Jenkins, J. Flocks, and J. Kindinger. 2005. Geologic Framework, Evolution, and Sediment Resources for Restoration of the Louisiana Coastal Zone. Journal of Coastal Research: 56-71. |
| Kulp, M. A. | Latest Quaternary stratigraphic framework of the Mississippi delta region. | Kulp, M. A. et al. Latest Quaternary stratigraphic framework of the Mississippi delta region. Trans. Gulf Coast Assoc. Geol. Soc. 52, 572_582 (2002). |
| Lamberti, A. | A granular-fluid model of the stress transfer from the fluid to the bed. | Lamberti, A., Montefusco, L. and Valiana, A. (19991): A granular-fluid model of the stress transfer from the fluid to the bed. In: Sand transport in rivers, estuaries and the sea. Eds.: Soulsby, R.L. and Bettes, R., Balkema, Rotterdam. |
| Lane RR | Wetland surface elevation, vertical accretion, and subsidence at three Louisiana estuaries receiving diverted Mississippi River water. | Lane RR, Day JW Jr, Day JN (2006) Wetland surface elevation, vertical accretion, and subsidence at three Louisiana estuaries receiving diverted Mississippi River water. Wetlands 26:1130–1142. |
| Lane, R. R | Changes in Stoichiometric Si, N and P Ratios of Mississippi River Water Diverted Through Coastal Wetlands to the Gulf of Mexico | Lane, R. R., J. W. Day, D. Justic, E. Reyes, B. Marx, J. N. Day, and E. Hyfield. 2004. Changes in Stoichiometric Si, N and P Ratios of Mississippi River Water Diverted Through Coastal Wetlands to the Gulf of Mexico. Estuarine Coastal and Shelf Science 60, no. 1: 1-10. |
| Lane, R. R. | The effects of riverine discharge on temperature, salinity, suspended sediment and chlorophyll a in a Mississippi delta estuary measured using a flow-through system | Lane, R. R., Day, J. W. Jr., Marx, B. D., Reyes, E., Hyfield, E., Day, J. N. (2007). The effects of riverine discharge on temperature, salinity, suspended sediment and chlorophyll a in a Mississippi delta estuary measured using a flow-through system. Estuarine, Coastal and Shelf Science. 74:1 and 74:2. p 145-154. |
| Letter, Joseph V. Jr. | River diversions and shoaling. | Letter, Joseph V. Jr., Pinkard, Fred C., Raphelt, Nolan K. 2008. River diversions and shoaling. USACE |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Loeb R. | How soil characteristics and water quality influence the biogeochemical response to flooding in riverine wetlands | Loeb R, VanDaalen E, Lamers LPM, Roelefs JGM(2007)How soil characteristics and water quality influence the biogeochemical response to flooding in riverine wetlands. Biogeochemistry 85:289–302. |
| Louisiana Hydroelectric | Lower Mississippi River Sediment Study. Volume 3. CH3D-SED Computational Modeling of the Old River Control Complex. | Louisiana Hydroelectric. 1999. Lower Mississippi River Sediment Study. Volume 3. CH3D-SED Computational Modeling of the Old River Control Complex. |
| Luque, R.F | Erosion and transport of bed-load sediment. | Luque, R.F., and van Beek, R. (1976): Erosion and transport of bed-load sediment. J. Hydr. Res., 14(2):127-144. |
| Luque, R.F | Erosion and transport of bed-load sediment. | Luque, R.F. (1974): Erosion and transport of bed-load sediment. Delft University of Technology, Diss. |
| Madsen, O. S. | Sediment transport in the coastal environment. | Madsen, O. S. and Grant, W.D. (1976): Sediment transport in the coastal environment, M.I.T., Ralph M. Parsons Lab. Report 209. |
| Marin, P | A study of sedimentation in an artificially crevassed pond on Delta National Wildlife Refuge, Louisiana. | Marin, P. 1996. A study of sedimentation in an artificially crevassed pond on Delta National Wildlife Refuge, Louisiana. MS thesis, University of Southwestern Louisiana, Lafayette, LA. USA. |
| Martin, J., E. | Landscape modeling of the Mississippi delta | Martin, J., E. Reyes, P. Kemp, H. Mashriqui, and J. Day. 2002. Landscape modeling of the Mississippi delta. BioScience. 52: 357-365. |
| McFertridge, W F | Sediment suspension by non-breaking waves over rippled beds. | McFertridge, W F & Nielsen (1985): Sediment suspension by non-breaking waves over rippled beds. Tech Rep UFL/COEL-85/005, Coastal and Oceangraphical Engineering Dept, Univ of Florida, Gainesville. |
| McGraw, M. J. | The Effect of Environmental Forcing on the Suspended Sediment Within the Naomi Wetlands as Reflected in Turbidity Data | McGraw, M. J. (2005). The Effect of Environmental Forcing on the Suspended Sediment Within the Naomi Wetlands as Reflected in Turbidity Data. Doctorial Thesis, Louisiana State University. Baton Rouge, Louisiana. USA. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| McHenry, J. R | Recent Rates of Sedimentation in the Mississippi River. Contaminants in the Upper Mississippi River: Proceedings of the 15th Annual Meeting of the Mississippi River Research Consortium | McHenry, J. R., J. C. Ritchie, C. M. Cooper, and J. Verdon. 1984. Recent Rates of Sedimentation in the Mississippi River. Contaminants in the Upper Mississippi River: Proceedings of the 15th Annual Meeting of the Mississippi River Research Consortium, 99-1171984. |
| Meade, R.H | River-sediment inputs to major deltas. In Sea-level rise and coastal subsidence: Causes consequences and strategies | Meade, R.H. (1996) River-sediment inputs to major deltas. In Sea-level rise and coastal subsidence: Causes consequences and strategies, J.D. Milliman and B.U. Haq, eds. Kluwer Academic Publishers, Dordrecht, pp. 63-85. |
| Meade, R.H | Sediment in rivers of the United States | Meade, R.H., Parker, R.S., 1985. Sediment in rivers of the United States. National Water Survey 1984. U.S. Geological Survey Water-Supply Paper, vol. 2275, pp. 49–60. |
| Meade, R.H. | Surface Water Hydrology | Meade, R. H. et al. Surface Water Hydrology (Geological Society of America, 1990). |
| Meckel, T. A. | An attempt to reconcile subsidence rates determined from various techniques in southern Louisiana | Meckel, T. A. An attempt to reconcile subsidence rates determined from various techniques in southern Louisiana. Quat. Sci. Rev. 27, 1517_1522 (2008). |
| Meland, N. | Transport velocities of single particles in bed-load motion. | Meland, N. and Normann, J.O. (1966): Transport velocities of single particles in bed-load motion. Geografiska Annaler, Vol. 48, Serie A.(4):165-182. |
| Mendelssohn I. A | Controls on soil cellulose decomposition along a salinity gradient in a Phragmites australis wetland in Denmark | Mendelssohn IA, Sorrell BK, Brix H, Schierup HH, Lorenzen B, Maltby E (1999) Controls on soil cellulose decomposition along a salinity gradient in a Phragmites australis wetland in Denmark. Aquat Bot 64:381–398. |
| Mendelssohn, I.A | The effects of sediment addition on salt marsh vegetation and soil physico-chemistry. | Mendelssohn, I.A., and N.L. Kuhn. 1999. The effects of sediment addition on salt marsh vegetation and soil physico-chemistry. In Recent Research in Coastal Louisiana – Natural System Function and Human Influence. Eds. Rozas, L.P., J.A. Nyman, C.E. Proffitt, and N.N. Rabalais, D.J. Reed, and R.E. Turner. Lousiana Sea Grant College Program, |
| Mendelssohn, L.A. | Sediment subsidy: effects on soil-plant responses in a rapidly submerging coastal salt marsh. | Mendelssohn, L.A., and Kuhn, LA. 2003. Sediment subsidy: effects on soil-plant responses in a rapidly submerging coastal salt marsh. Ecol. Eng. 21: 115-128. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Meselhe, E | Hydrodynamic and Sediment Modeling of the Lower Mississippi River | Meselhe, E., E. Habib, A. Griborio, S. Gautam, C. Chen, J. McCorquodale, I. Georgiou, and J. Stronach. 2005. Hydrodynamic and Sediment Modeling of the Lower Mississippi River. American Geophysical Union, 2005 Fall Meeting. |
| Meyer-Peter, E | Formulas for bed-load transport. | Meyer-Peter, E & R Muller (1948): formulas for bed-load transport. Proc Int Ass Hydr Struct Res, Stockholm. |
| Michener, W.K. | Climate change, hurricanes and tropical storm, and rising sea level in coastal wetlands | Michener, W.K., Blood, ER., Bildstein, K.L., Brinson, M.M., and Gardner, L..R. 1997. Climate change, hurricanes and tropical storm, and rising sea level in coastal wetlands. Ecol. Appl. 7: 770-801. |
| Miller, G | Mississippi River - West Bay sediment diversion | Miller, G. 2004. Mississippi River - West Bay sediment diversion. Proceedings of the 2004 World Water and Environmetal Resources Congress: Critical Transitions in Water and Environmental Resources Management, 4049-55 Salt Lake City, UT, United States: American Society of Mechanical Engineers, New York, NY 10016-5990, United States. |
| Mitchell Andrus, M. T | Sediment Flux and Fate in the Mississippi River Diversion at West Bay: Observation Study | Mitchell Andrus, M. T. (2007). Sediment Flux and Fate in the Mississippi River Diversion at West Bay: Observation Study. Master's Thesis, Louisiana State University. Baton Rouge, Louisiana. USA. |
| Mitchell, Andrus, T | Sediment flux and fate in the Mississippi River diversion at West Bay: Observation study | Andrus, T. Mitchell, and Samuel J. Bentley. 2007. Sediment flux and fate in the Mississippi River diversion at West Bay: Observation study. Coastal Sediments '07 - Proceedings of 6th International Symposium on Coastal Engineering and Science of Coastal Sediment Processes New Orleans, LA, United States: American Society of Civil Engineers, Reston, VA 20191-4400, United States. |
| Mossa, J | Discharge-sediment dynamics of the lower Mississippi River | Mossa, J. 1988. Discharge-sediment dynamics of the lower Mississippi River. Bulletin of the American Association of Petroleum Geologists 72, no. 9. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Mossa, J | Managing the sediment and water surplus of the Mississippi and Atchafalaya rivers for wetland restoration | Mossa, J. 1990. Managing the sediment and water surplus of the Mississippi and Atchafalaya rivers for wetland restoration. Bulletin of the American Association of Petroleum Geologists 74, no. 9: 1505-6. |
| Mossa, J. | Sediment dynamics in the lowermost Mississippi River: Geology in the Lower Mississippi Valley; implications for engineering, the half century since Fisk | Mossa, J. ( ) Sediment dynamics in the lowermost Mississippi River: Geology in the Lower Mississippi Valley; implications for engineering, the half century since Fisk, 1944. 1996 |
| Mossa, J. | Discharge-suspended sediment relationships in the Mississippi-Atchafalaya rivers system, Louisiana | Mossa, J. (1996). Discharge-suspended sediment relationships in the Mississippi-Atchafalaya rivers system, Louisiana. 1990. |
| Mossa, J. | Hysteresis and nonlinearity of discharge-sediment relationships in the Atchafalaya and lower Mississippi Rivers. Sediment and the Environment | Mossa, J. 1989. Hysteresis and nonlinearity of discharge-sediment relationships in the Atchafalaya and lower Mississippi Rivers. Sediment and the Environment. Proceedings of a Symposium. |
| Mossa, Joann | Sediment dynamics in the lowermost Mississippi River | Mossa, Joann. 1996. Sediment dynamics in the lowermost Mississippi River. Proceedings of the 1994 Conference on Geology in the Lower Mississippi Valley, 457-79 Amsterdam, Netherlands: Elsevier Science B.V., Amsterdam, Netherlands. |
| Murray, S P | Settling velocities and vertical diffusion of particles in turbulent water | Murray, S P (1970): Settling velocities and vertical diffusion of particles in turbulent water , J Geophysics Res. Vol 75, No 9, 1647-1654. |
| Murray, S. P | Current Dynamics and Sediment Distribution in the West Mississippi Delta Area | Murray, S. P., and W. J. Wiseman. 1976. Current Dynamics and Sediment Distribution in the West Mississippi Delta Area. Conference on Marine and Freshwater Research in Southern Africa. |
| Neill, Ciara F | Subaqueous deltaic formation on the Atchafalaya Shelf | Neill, Ciara F., Allison, Mead A, 2005. Subaqueous deltaic formation on the Atchafalaya Shelf, Louisiana. Marine Geology 214: 411-430. |
| Neilson, P | Towards modeling coastal sediment transport. | Neilson, P (1988b): Towards modeling coastal sediment transport. Proc 21st Int Conf Coastal Eng, Torremolinos, pp 1952-1958. |
| Neilson, P | Coastal bottom boundary layers and sediment transport. | Neilson, P (1990): Coastal bottom boundary layers and sediment transport. In P Bruun ed Port Engineering (4th edition) Vol 2, pp 550-585. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Nielsen, P. | Suspended sediment under waves. | Nielsen, P., Green, M.O and Coffey, F.C. (1982): suspended sediment under waves. Technical Report No. 8216, Dept. of Geography, The Univ. Sydney, Coastal Studies Unit. |
| Nielsen, P. | Some basic concepts of wave sediment transport. | Nielsen, P. (1979): Some basic concepts of wave sediment transport. Series Paper No. 20, Inst. of Hydrodynamics and Hydraulic Engineering, ISVA, Techn. Univ. Denmark. |
| Nittrouer, J. A | Bedform Transport Rates for the Lowermost Mississippi River | Nittrouer, J. A., Allison, M. A., Campanella, R. (2008). Bedform Transport Rates for the Lowermost Mississippi River. Journal of Geophysical Research. Vol. 113. |
| No Author listed | Suspended-sediment and associated chemical transport characteristics of the lower Mississippi River, Louisiana | Suspended-sediment and associated chemical transport characteristics of the lower Mississippi River, Louisiana. 1988. |
| No Author listed | Sediment diversion as a form of wetland creation in the Mississippi Delta: Coastal wetlands | Sediment diversion as a form of wetland creation in the Mississippi Delta: Coastal wetlands. 1991. |
| No Author listed | Sediment and flow distribution at a large alluvial river distributary; Mississippi River at the Old River Control structure | Sediment and flow distribution at a large alluvial river distributary; Mississippi River at the Old River Control structure: AGU 1992 spring meeting. 1992. |
| No Author listed | Causes of temporal and downstream changes in suspended sediment transport in the lower Mississippi and Atchafalaya rivers: Resource development of the Lower Mississippi River | Causes of temporal and downstream changes in suspended sediment transport in the lower Mississippi and Atchafalaya rivers: Resource development of the Lower Mississippi River; symposium papers. 1991. |
| Nyman, J. A | Relationship between vegetation and soil formation in a rapidly submerging coastal marsh | Nyman, J. A., R. D. DeLaune, H. H. Roberts, and W. H. Patrick, Jr. 1993. Relationship between vegetation and soil formation in a rapidly submerging coastal marsh. Marine Ecology Progress Series, 96, 269-279. |
| Nyman, J.A | Mineral and organic matter accumulation rates in coastal deltaic marshes and their importance to landscape stability | Nyman, J.A., and R.D. DeLaune. 1991. Mineral and organic matter accumulation rates in coastal deltaic marshes and their importance to landscape stability. pages 166-170 In Coastal Depositional Systems of the Gulf of Mexico: Quaternary Framework and Environmental Issues. 12th Annual Research Conference Gulf Coast Section Society of Economic Paleontologists and Mineralogists Foundation. Earth Enterprises, Austin, Texas. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Nyman, J.A | Wetland soil formation in the rapidly subsiding Mississippi River Deltaic Plain: mineral and organic matter relationships | Nyman, J.A., R.D. DeLaune, and W.H. Patrick, Jr. 1990. Wetland soil formation in the rapidly subsiding Mississippi River Deltaic Plain: mineral and organic matter relationships. Estuarine, Coastal and Shelf Sci. 31:57-69. |
| Nyman, J.A | Roles and patterns of hurricane sedi-men-tation in an estuarine marsh landscape | Nyman, J.A., C.R. Crozier, and R.D. DeLaune. 1995. Roles and patterns of hurricane sedi-men-tation in an estuarine marsh landscape. Estuarine Coastal and Shelf Science. 40:665-679. |
| O'Conner , B.A. | A three- dimensional model of suspended particulate sediment transport. | O'Conner , B.A. and Nicholson, J. (1988): A three- dimensional model of suspended particulate sediment transport. Coastal Engineering, 12:157-174. |
| Perez, B.C | Influence of Atchafalaya River discharge and Winter frontal passage on suspended sediment concentration and flux in Fourleague Bay, LA | Perez, B.C., J. W. Day, L.J. Rouse, R.F. Shaw and M. Wang. 2000. Influence of Atchafalaya River discharge and Winter frontal passage on suspended sediment concentration and flux in Fourleague Bay, LA. Estuarine, Coastal and Shelf Science 50:271-290. |
| Pezeshki, S.R | Sediment addition enhances transpiration and growth of Spartina alterniflora in deteriorating Lousiana Gulf Coast salt marshes. | Pezeshki, S.R., Delaune, R.D.,and Pardue, J.H. 1992. Sediment addition enhances transpiration and growth of Spartina alterniflora in deteriorating Lousiana Gulf Coast salt marshes. Wetlands Ecol. Manage. 1: 185-189. |
| Piper, D. Z | Geochemistry of Bed and Suspended Sediment in the Mississippi River System: Provenance Versus Weathering and Winnowing | Piper, D. Z., S. Ludington, J. S. Duval, and H. E. Taylor. 2006. Geochemistry of Bed and Suspended Sediment in the Mississippi River System: Provenance Versus Weathering and Winnowing. Science of the Total Environment 362, no. 1-3: 179-204. |
| Poach, M. E | Soil Phosphorous Characteristics of Natural and Created Wetlands in the Atchafalaya Delta, Louisiana, | Poach, M. E. and S. P. Faulkner. 1998. Soil phosphorus characteristics of created and natural wetlands in the Atchafalaya Delta, LA. Estuarine, Coastal and Shelf Science 46:195-203. |
| Postma, H | Sediment transport and sedimentation in the estuarine environment | Postma, H., 1967, Sediment transport and sedimentation in the estuarine environment, in Lauff, G.H., ed., Estuaries: Washington, D.C., American Association for the Advancement of Science, p. 158–179. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Rapp, J. M | Atchafalaya Sediment Delivery Project: Progress Report | Rapp, J. M., M. Fugler, C.K. Armbruster, and N.S. Clark. 2001. Atchafalaya Sediment Delivery Project: Progress Report, Louisiana Department of Natural Resources, Baton Rouge, LA. |
| Raudkivi, A.J. | Study of sediment ripple formation. | Raudkivi, A.J. (1963): Study of sediment ripple formation. J. Hydr. Div., ASCE 89 (HY6):15-33. |
| Redalje, D.G | The relationship between primary production and the vertical export of Mississippi River Sediment, Nutrient, & Freshwater Redistribution Study particulate organic matter in a river-impacted coastal ecosystem | Redalje, D.G., S.E. Lohrenz, and G.L. Fahnenstiel. 1994. The relationship between primary production and the vertical export of Mississippi River Sediment, Nutrient, & Freshwater Redistribution Study particulate organic matter in a river-impacted coastal ecosystem. Estuaries 17(4):829-838. |
| Reed, D | Patterns of sediment deposition in subsiding coastal salt marshes, Terrebonne Bay, Louisiana: The role of winter storms. | Reed, D. 1989. Patterns of sediment deposition in subsiding coastal salt marshes, Terrebonne Bay, Louisiana: The role of winter storms. Estuaries 12:222-227. |
| Reed, D. J | Effect of weirs on sediment deposition in Louisiana coastal marshes. | Reed, D. J. 1992. Effect of weirs on sediment deposition in Louisiana coastal marshes. Environmental Management 16:55–65. |
| Reed, D. J | Sea-level rise and coastal marsh sustainability: Geological and ecological factors in the Mississippi delta plain | Reed, D. J. Sea-level rise and coastal marsh sustainability: Geological and ecological factors in the Mississippi delta plain. Geomorphology 48, 233_243 (2002). |
| Reed, D. J | Status and Historical Trends of Hydrologic Modification, Reduction in Sediment Availability, and Habitat Loss/Modification in the Barataria and Terrebonne Estuarine System<br>River downdrift to the Louisiana Chenier Plain | Reed, D. J. (ED.). 1995. Status and Historical Trends of Hydrologic Modification, Reduction in Sediment Availability, and Habitat Loss/Modification in the Barataria and Terrebonne Estuarine System. Barataria-Terrebonne National Estuary Program Publication No. 20, Thibodeaux, Louisiana. |
| Reed, D. J | Effect of hydrologic management on marsh surface sediment deposition in coastal Louisiana. | Reed, D. J., N. DeLuca, and A. L. Foote. 1997. Effect of hydrologic management on marsh surface sediment deposition in coastal Louisiana. Estuaries 20:301–311. |
| Reed, D.J. | Sediment dynamics, deposition, and erosion in temperate salt marshes | Reed, D.J. 1995. Sediment dynamics, deposition, and erosion in temperate salt marshes.<br>Journal of Coastal Research 11:295. |
| Reizes, J A, | A numerical study of the suspension of particles in a horizontally flowing fluid | Reizes, J A, (1977) A numerical study of the suspension of particles in a horizontally flowing fluid, paper presented at 6th Australasian Hydraulics and Fluid Mechanics Conference, Adeaide. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Richardson, J.F | Sedimentation and fluidization | Richardson, J.F. and Zaki, W.N. (1954): Sedimentation and fluidization, Part 1. Trans. Instn. Chem. Engrs., Vol. 32., pp 35-53. |
| Robbins, L. | Suspended sediment and bed material studies on the Lower Mississippi River | Robbins, L. (1977) Suspended sediment and bed material studies on the Lower Mississippi River. 1977. |
| Robbins, L.G | Suspended Sediment and Bed Material Studies on the Lower Mississippi River. | Robbins, L.G. 1977. Suspended Sediment and Bed Material Studies on the Lower Mississippi River. Potamology Investigation Report 300-1. U.S. Army Corps of Engineers, Vicksburg, MS. |
| Roberts, H. H | Evolution of sand-dominated subaerial phase, Atchafalaya Delta, Louisiana. | Roberts, H. H., R. D. Adams, and R. H. W. Cunningham. 1980. Evolution of sand-dominated subaerial phase, Atchafalaya Delta, Louisiana. The American Association of Petroleum Geologist Bulletin 64:264–279. |
| Roberts, Harry H. | Evolution of Sedimentary Architecture and Surface Morpology: Atchafalaya and Wax Lake Deltas | Evolution of Sedimentary Architecture and Surface Morpology: Atchafalaya and Wax Lake Deltas (1973-1994) : ABSTRACT ROBERTS, HARRY H., ROBCUNNIN AAPG Bulletin Volume 81 (1997) (1997) Atchafalaya-Wax Lake Deltas: the new regressive phase of the Mississippi River Delta complex/guidebook authored by Harry H. Roberts and John Sneider. |
| Russell, R. J. | Mississippi River delta sedimentation | Russell, R.J., Russell, R.D., 1939. Mississippi River delta sedimentation. In: Recent Marine Sediments, American Association of Petroleum Geologists, pp. 153–177. |
| Sasser, C.E | Hydrologic, Vegetation, and Substrate Characteristics of Floating Marshes in Sedimentrich Wetlands of the Mississippi River Delta Plain, Louisiana, USA | Sasser, C.E., J.G. Gosselink, E.M. Swenson, and D.E. Evers. 1995a. Hydrologic, Vegetation, and Substrate Characteristics of Floating Marshes in Sedimentrich Wetlands of the Mississippi River Delta Plain, Louisiana, USA. Wetlands Ecology 3(3): 171-187. |
| Sato, Y | Langrangian measurement of fluid particle motion in an isotropic turbulent field, | Sato, Y & K Yamamoto (1987): Langrangian measurement of fluid particle motion in an isotropic turbulent field, J Fluid Mech, Vol 175, 183-199. |
| Shields, F | Water Quality Effects of Excavation and Diversion | Shields, F. Douglas, and Thomas G. Sanders. 1986. Water Quality Effects of Excavation and Diversion.<br>Journal of Environmental Engineering 112, no. 2: 211-28. |
| Shields, F. D | Sediment Deposition in Cutoff Meander Bends and Implications for<br>Effective Management | Shields, F. D., and S. R. Abt. 1989. Sediment Deposition in Cutoff Meander Bends and Implications for<br>Effective Management. Regulated Rivers Research and Management 4, no. 4: 381-96. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Sivakumar, B | Predictability of River Flow and Suspended Sediment Transport in the Mississippi River Basin: a Non-Linear Deterministic Approach | Sivakumar, B., and W. W. Wallender. 2005. Predictability of River Flow and Suspended Sediment Transport in the Mississippi River Basin: a Non-Linear Deterministic Approach. Earth Surface Processes and Landforms 30, no. 6: 665-77. |
| Sivakumar, B. | Suspended sediment load transport in the Mississippi River basin at St. Louis: temporal scaling and nonlinear determinism | Sivakumar, B., and Chen, J. (2006). Suspended sediment load transport in the Mississippi River basin at St. Louis: temporal scaling and nonlinear determinism. Earth Surface Processes and Landforms 32:2 269-280 |
| Slocum, M. G | Effects of sediment slurry enrichment on salt marsh rehabilitation: Plant and soil responses over seven years | Slocum, M. G., I. A. Mendelssohn, and N. L. Kuhn. 2005. Effects of sediment slurry enrichment on salt marsh rehabilitation: Plant and soil responses over seven years. Estuaries 28:519-528. |
| Smith, A. | Channel sedimentation and dredging problems, Mississippi River and Louisiana Gulf Coast access channel. | Smith, A., 1963. Channel sedimentation and dredging problems, Mississippi River and Louisiana Gulf Coast access channel. Proceedings of the Federal Interagency Sedimentation Conference. U.S. Department of Agriculture Miscellaneous Publication, vol. 970, pp. 618– 626. |
| Smith, J.D. | Boundry layer adjustments to bottom topography and suspended sediment. | Smith, J.D. and McLean, S.R. (1977): Boundry layer adjustments to bottom topography and suspended sediment. In: Bottom Turbulence, Ed. By J. Nihoul, Elsevier, Amsterdam, pp. 123-151. |
| Smith, R. P | Historic Sediment Accretion Rates in a Louisiana Coastal Marsh and Implications for Sustainability | Smith, R. P. (2009) Historic Sediment Accretion Rates in a Louisiana Coastal Marsh and Implications for Sustainability. Masters Thesis. Louisiana State University. Baton Rouge, Louisiana. USA. |
| Snedden G. A. | Sediment discharge into a subsiding Louisiana deltaic estuary through aMississippi River diversion. | Snedden GA, Cable JE, Swarzenski CM, Swenson EM (2006) Sediment discharge into a subsiding Louisiana deltaic estuary through a Mississippi River diversion. EstuarCoast Shelf Sci 71:181–193. |
| Snedden, G. A | Sediment Discharge Into a Subsiding Louisiana Deltaic Estuary Through a Mississippi River Diversion | Snedden, G. A., J. E. Cable, C. Swarzenski, and E. Swenson. 2007. Sediment Discharge Into a Subsiding Louisiana Deltaic Estuary Through a Mississippi River Diversion. Estuarine Coastal and Shelf Science 71, no. 1-2: 181-93. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Soulsby, R. L. | A criterion for the effect of suspended sediment on near-bottom velocity profiles. | Soulsby, R. L. and Wainwright, B.L.S.A. (1987): A criterion for the effect of suspended sediment on near-bottom velocity profiles. J, Hydr. Res., 25(3):341-356. |
| Soulsby, R.L | Aspects of sediment transport by combined waves and currents. | Soulsby, R.L. (1991): Aspects of sediment transport by combined waves and currents. IAHR Symp. On the Transport of Suspended Sediments and its Mathmatical Modeling, Florence, Italy, pp 709-722. |
| Stephens, D.G | Destructive phase of deltaic development: North Santee River delta | Stephens, D.G., Van Nieuwenhuise, D.S., Mullin, P., Lee, C., Kanes, W.H., 1976. Destructive phase of deltaic development: North Santee River delta. J. Sediment. Petrol. 46, 132–144. |
| Stern, M.K | Seasonality of materials transport through a coastal freshwater marsh: Riverine versus tidal forces | Stern, M.K., J.W. Day, Jr. and K.G. Teague. 1986. Seasonality of materials transport through a coastal freshwater marsh: Riverine versus tidal forces. Estuaries 9(4a):301-308. |
| Sumer, B.M. | Particle motions near the bottom in turbulent fllow in an open channel. Part 2. | Sumer, B.M. and Deigaard, R. (1981); Particle motions near the bottom in turbulent fllow in an open channel. Part 2. J. Fluid Mech., 109:311-338. |
| Sutula, M. | Effect of seasonal sediment storage in the lower Mississippi River on the flux of reactive particulate phosphorous to the Gulf of Mexico: | Sutula, M., Bianchi, T.S., and McKee, B.A., 2004, Effect of seasonal sediment storage in the lower Mississippi River on the flux of reactive particulate phosphorous to the Gulf of Mexico: Limnology and Oceanography, v. 49, p. 2223–2235. |
| Svendsen, I. A. | Jonsson, I. G. | Svendsen, I. A. and Jonsson, I. G. (1976): Hydrodynamics of Coastal Regions. Lyngby, Den Private Ingeniorfond, Technical University of Denmark. |
| Swarzenski, P.W | Seasonal uranium distributions in the coastal waters off the Amazon and Mississippi Rivers. | Swarzenski, P.W. and McKee, B.A. (1999) Seasonal uranium distributions in the coastal waters off the Amazon and Mississippi Rivers. Estuaries, 21:379-90. |
| Swarzenski, P.W | On the world-wide riverine delivery of sediment-hosted contaminants to the ocean | Swarzenski, P.W. and Campbell, P.L. On the world-wide riverine delivery of sediment-hosted contaminants to the ocean. Encyclopedia of Hydrological Sciences, Wiley, Bristol, UK (in review). |
| Teague, K. | Sediment-water oxygen and nutrient fluxes in a river-dominated estuary | Teague, K., J. Day, and C. Madden. 1988. Sediment-water oxygen and nutrient fluxes in a river-dominated estuary. Estuaries. 11:1-9. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Thorne, C. R | Current and Historical Sediment Loads in the Lower Mississippi River: Second Interim Technical Report | Thorne, C. R., Harmar, O. P., Watson, C., Clifford, N., Measures, R., Biedenharn, D. (2007). Current and Historical Sediment Loads in the Lower Mississippi River: Second Interim Technical Report. United States Army: European Research Office of the U. S. Army. London, England. pp. 11. |
| Thorne, C. R | Regional Sediment Analysis of Mississippi River Sediment Transport and Hydrographic Survey Data | Thorne, C. R., Harmar, O. P., Britnell, S. (2002). Regional Sediment Analysis of Mississippi River Sediment Transport and Hydrographic Survey Data. U.S. Army Research, Development and Standardization Group-U.K., London. pp. 20. |
| Thorne, C. R | Sediment Transport in the Lower Mississippi River: Final Report | Thorne, C. R., Harmar, O. P., Wallerstein, N. (2000). Sediment Transport in the Lower Mississippi River: Final Report. U.S. Army Research, Development and Standardization Group-U.K., London. pp. 53. |
| Thorne, C. R | Current and Historical Sediment Loads in the Lower Mississippi River: Third Interim Technical Report | Thorne, C. R., Harmar, O. P., Watson, C., Clifford, N., Measures, R., Biedenharn, D. (2007). Current and Historical Sediment Loads in the Lower Mississippi River: Third Interim Technical Report. United States Army: European Research Office of the U. S. Army. London, England. pp. 7. |
| Törnqvist, T. E | Comment on "Wetland Sedimentation from Hurricanes Katrina and Rita | Törnqvist, T. E., Paola, C., Parker, G., Liu, K., Mohrig, D., Holbrook, J. M., Twilley, R. R. (2007). Comment on "Wetland Sedimentation from Hurricanes Katrina and Rita". Science. 316:5822 p 201 |
| Törnqvist, T. E | Mississippi Delta subsidence primarily caused by compaction of Holocene strata. | Törnqvist, T. E. et al. Mississippi Delta subsidence primarily caused by compaction of Holocene strata. Nature Geosci. 1, 173_176 (2008). |
| Turner RE | A comparative mass balance budget (C, N, P and suspended solids) for natural swamp and overland flow systems. | Turner RE. 1998. A comparative mass balance budget (C, N, P and suspended solids) for natural swamp and overland flow systems. Pages 1–11 in Vymazal J, ed.Nutrient Cycling and Retention in Natural and Constructed Wetlands. Leiden (The Netherlands): |
| Turner, R | Wetland sedimentation from Hurricanes Katrina and Rita. | Turner, R. et al. Wetland sedimentation from Hurricanes Katrina and Rita. Science 313, 1713_1715 (2006). |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Tuttle, J. R | Flow Regime and Sediment Load Affected by Alterations of the Mississippi River | Tuttle, J. R., and A. J. Combe. 1981. Flow Regime and Sediment Load Affected by Alterations of the Mississippi River. Proc. of the National Symposium on Freshwater Inflow to Estuaries, 334-48. |
| USACE | Sediment Transport in the Lower Mississippi River | Thorne, C.R., O.P. Harmar, and N. Wallerstein. 2000. Sediment Transport in the Lower Mississippi River. U.S. Army Corps of Engineers, Washington, DC. |
| USACE | Fine-grained Alluvial Deposits and their Effects on Mississippi River Activity | Fisk HN. 1947. Fine-grained Alluvial Deposits and their Effects on Mississippi River Activity. US Army Corps of Engineers, Mississippi River Commission: Vicksburg, MS. |
| USACE | Deep draft access to the ports of New Orleans and Baton Rouge. Draft Environmental Impact Statement | USACE. (1974). Deep draft access to the ports of New Orleans and Baton Rouge. Draft Environmental Impact Statement, U.S. Army Corps of Engineers, New Orleans District, New Orleans, Louisiana. |
| USACE | Caernarvon freshwater diversion structure, hydrologic, water and sediment quality monitoring program comprehensive report. | USACE. 1995. Caernarvon freshwater diversion structure, hydrologic, water and sediment quality monitoring program comprehensive report. United States Corps of Engineers, New Orleans, Louisiana. |
| Van de Graaff, J. | Revaluation of sediment transport formulae in Coastal Engineering practice | Van de Graaff, J. and Van Overeem, J. (1979): Revaluation of sediment transport formulae in Coastal Engineering practice. Coastal Engineering, 3:1-32. |
| van Rijn, L C | Sediment pickup functions | van Rijn, L C (1984): Sediment pickup functions, J Hyraulic Eng, Vol 110, No 10, pp1494-1502. |
| van Rijn, L C | Sediment transport Part III: Bedforms and alluvial roughness. | van Rijn, L C (1984): Sediment transport Part III: Bedforms and alluvial roughness. J Hydraulic Eng, Vol 110, No12, pp 1733-1754. |
| van Rijn, L C | Applications of sediment pickup function. | van Rijn, L C (1986): Applications of sediment pickup function. J Hydraulic Eng, A S C E, Vol 112, No 9, pp 867-874. |
| Van Rijn, L.C. | Sediment transport, Part II: Suspended load transport. | Van Rijn, L.C. (1984): Sediment transport, Part II: Suspended load transport. J. Hydr. Eng. ASCE, 110(11):1613-1641. |
| Van Rijn, L.C. | Aspects of sediment transport by combined waves and currents. | Van Rijn, L.C. (1991): Aspects of sediment transport by combined waves and currents. In: Sand transport in rivers, estuaries and the sea. Eds.: Soulsby, R.L. and Bettes, R., Balkema, Rotterdam. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| van Run, L.C | Sediment Transport Modeling in Marine Coastal Environments | van Run, L.C., Davies, A.G., Ribberink, J.S., van Dk Graaff, J., 200L Sediment Transport Modeling in Marine Coastal Environments. Emmeloord, The Netherlands; Aqua Puhhcations. 730 p. |
| Vincent, C E | Field Measurements of the suspended sand concentration profiles and fluxes and of the resuspension coefficient coefficient Yo over a rippled bed. | Vincent, C E & M O Green (1990): Field Measurements of the suspended sand concentration profiles and fluxes and of the resuspension coefficient coefficient Yo over a rippled bed. J Geophys res, Vol 95, No C7, pp 11591-11601. |
| Walker, N. D | Tropical Storm and Hurricane Wind Effects on Water Level, Salinity, and Sediment Transport in the River-influenced Atchafalaya-Vermilion Bay System, Louisiana, USA | Walker, N. D. (2001) Tropical Storm and Hurricane Wind Effects on Water Level, Salinity, and Sediment Transport in the River-influenced Atchafalaya-Vermilion Bay System, Louisiana, USA. Estuaries. 24:4. p 498-508. |
| Walker, N.D | Impacts of winter storms on circulation and sediment transport: Atchafalaya-Vermilion Bay region, Louisiana, USA. | Walker, N.D., Hammack, A.B., 2000. Impacts of winter storms on circulation and sediment transport: Atchafalaya-Vermilion Bay region, Louisiana, USA. Journal of Coastal Research 16, 996–1010. |
| Walker, Nan | Effects of River Discharge, Wind Stress, and Slope Eddies on Circulation and the Satellite-Observed Structure of the Mississippi River Plume | |
| Welder, F. A | Processes of deltaic sedimentation in the lower Mississippi River | Welder, F. A. 1959. Processes of deltaic sedimentation in the lower Mississippi River. Technical Report 12, Coastal Studies Institute, Louisiana State University, Baton Rouge, Louisiana. |
| Westphal, J.A. | Mississippi River dikes and stage-discharge relations | Westphal, J.A., Munger, P.R., Muir, C.D., 1976. Mississippi River dikes and stage-discharge relations. Rivers ’76, American Society of Civil Engineers Symposia on Inland Waterways for Navigation, Flood Control and Water Diversion, pp. 1383–1398. |
| Wheelock, K.W | Pulsed river flooding effects on sediment deposition in Breton Sound Estuary, Louisiana | Wheelock, K.W., 2003. Pulsed river flooding effects on sediment deposition in Breton Sound Estuary, Louisiana. M.S. Thesis. Louisiana State Univ., Baton Rouge, Louisiana, USA. Williams, G.P., 1989. Sediment concentration versus water discharge during single hydrologic events in rivers. Journal of Hydrology 111, 89-106. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| White, D.A. | Accreting mudflats at the Mississippi River delta: sedimentation rates and vascular plant succession. | White, D.A. 1989. Accreting mudflats at the Mississippi River delta: sedimentation rates and vascular plant succession. pp. 49-57. In: Duffy, W.G. & D. Clark, eds. Marsh management in coastal Louisiana: effects and issues - proceedings of a symposium. U.S. Fish & Wildlife Service & Louisiana Dept. Nat. Resources. U.S.F.W.S. Ser. Biol. Rept. 89(2). 378 p. |
| Wiberg, P.L. | A Theoretical Model for Salting Grains in Water. | Wiberg, P.L. and Smith, J.D. (1985): A Theoretical Model for Salting Grains in Water. J. of Geophys. Res., 90(C4):7341-7354. |
| Wilson, Clinton S | Physical and numerical modeling of river and sediment diversions in the lower Mississippi River delta | Wilson, Clinton S., Nathan Dill, William Barlett, Samantha Danchuk, and Ryan Waldron. 2007. Physical and numerical modeling of river and sediment diversions in the lower Mississippi River delta. 6th International Symposium on Coastal Engineering and Science of Coastal Sediment Processes, May 13-17 2007. Coastal Sediments '07 - Proceedings of 6th International Symposium on Coastal Engineering and Science of Coastal Sediment Processes, New Orleans, LA, United States: American Society of Civil Engineers, Reston, VA 20191-4400, United States. |
| Wilson, K C | Bed-load transport at high sheer stress | Wilson, K C (1966): Bed-load transport at high sheer stress. J Hydraulic Eng, A S C E, Vol 92, No HY6, pp 49-59. |
| Wilson, K.C. | Bed-load transport at high shear stress. | Wilson, K.C. (1966): Bed-load transport at high shear stress. Proc. ASCE, J. Hydr. Div., (HY6): 49-59. |
| Wilson, K.C. | Analysis of bed-load motion at high shear stress. | Wilson, K.C. (1987): Analysis of bed-load motion at high shear stress. J. Hydr. Eng., ASCE, 113(1):97-103. |
| Winer, H. S | Re-engineering the Mississippi River as a sediment delivery system freshwater diversion structure | Winer, H.S.. 2007. Re-engineering the Mississippi River as a sediment delivery system. Coastal Sediments '07 - Proceedings of 6th International Symposium on Coastal Engineering and Science of Coastal Sediment ProcessesNew Orleans, LA, United States: American Society of Civil Engineers, Reston, VA 20191- 4400, United States. |
| Wright, L.D | Dispersal of river sediments in coastal seas: Six contrasting cases | Wright, L.D., and Nittrouer, C.A., 1995, Dispersal of river sediments in coastal seas: Six contrasting cases: Estuaries, v. 18, p. |

| Author 1 | Title | Complete Reference |
| --- | --- | --- |
| Zenkovich, V.P. | Processes of Coastal Development. | Zenkovich, V.P. (1969): Processes of Coastal Development. Oliver and Boyd Ltd., Edinburgh and London, 738 p. |

# VEGETATION LITERATURE

| Author 1 | Title | Complete Reference |
|---|---|---|
| Alexander, Heather | Treated Wastewater Effluent as an Alternative Freshwater Source in a Hypersaline Salt Marsh: Impacts on Salinity, Inorganic Nitrogen, and Emergent Vegetation | |
| Baldwin, A.H | Effects of salinity and water level on coastal marshes: an experimental test of disturbance as a catalyst for vegetation change. | Baldwin, A.H., and Mendelssohn, I.A. 1988b. Effects of salinity and water level on coastal marshes: an experimental test of disturbance as a catalyst for vegetation change. Aquat. Bot. 61: 255-268. |
| Baldwin, A.H., | The influence of vegetation, salinity, and inundation on seed banks of oligohaline coastal marshes. | Baldwin, A.H., McKee, K.L., and Mendelssohn, I.A. 1996. The influence of vegetation, salinity, and inundation on seed banks of oligohaline coastal marshes. Am. J. Bot. 83: 470-479. |
| Bazley, D.R. | Changes in the composition and standing crop of salt-marsh communities in response to the removal of a grazer. | Bazley, D.R., and Jefferies, R.L. 1986. Changes in the composition and standing crop of salt-marsh communities in response to the removal of a grazer. J. Ecol. 74: 693-706. |
| Belhadjali, K | Ecological Review: Freshwater Introduction South of Highway 82 | Belhadjali, K., and A. Brass. 2004. Ecological Review: Freshwater Introduction South of Highway 82, Louisiana Department of Natural Resources. |
| Bernard, S.K. | M'sieu Ned's Rat? Reconsidering the origin of nutria in Louisiana: | Bernard, S.K. 2002. M'sieu Ned's Rat? Reconsidering the origin of nutria in Louisiana: The E.A. Mcllhenny Collection, Avery Island, LA, USA, La. Hist. 43: 281-293. |
| Boesch, D.F. | A New Framework for Planning the Future of Coastal Louisiana after the Hurricanes of 2005. | Boesch, D.F., Shabman L., Antle, G.L., Day, J.W., Jr., Dean, R.G.,Galloway, G.E., Ggroat, C.G., Laska, S.B., Luettih, R.A., Jr.,Mitsch, W.J., Rabalais, N.N., Reed, D.J., Simenstad, C.A., Streever, B.J., Taylor, B. R., Twiley, R.R., Watson, C.C., Wells, J |
| Boumans, R. | The effect of intertidal sediment fences on wetland surface elevation, wave energy and vegetation establishment in two Louisiana coastal marshes | Boumans, R., Day, J. W., Kemp, G. P., and Kilgen, K. 1997. The effect of intertidal sediment fences on wetland surface elevation, wave energy and vegetation establishment in two Louisiana coastal marshes. Ecological Engineering 9, 37-50. |
| Brantley, C. G. | Nutrient Interactions, Plant Productivity, Soil Accretion, and Policy Implications of Wetland Enhancements in Coastal Louisiana | Brantley, C. G. (2005). Nutrient Interactions, Plant Productivity, Soil Accretion, and Policy Implications of Wetland Enhancements in Coastal Louisiana. Master's Thesis, Southeastern Louisiana University, Hammond, Louisiana. USA. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Brantley, C.G. | Experimental evaluation of nutria herbivory on bald cypress. | Brantley, C.G., and Platt, S.G. 1992. Experimental evaluation of nutria herbivory on bald cypress. Proc. La. Acad. Sci. 55: 21-25. |
| Breaux, A | Using natural coastal systems for wastewater treatment: An economic benefit analysis | Breaux, A., S. Farber, and J. Day. 1995. Using natural coastal systems for wastewater treatment: An economic benefit analysis. Journal of Environmental Management, 44: 285-291. |
| Brewer, J.S. | Plant community structure in an oligohaline tidal marsh. | Brewer, J.S., and Grace, J.B. 1990. Plant community structure in an oligohaline tidal marsh. Vegetation, 90: 93-107. |
| Brix, H. | Growth and nutrient responses of Eloecharis cellulose (Cyperaceae) to phosphate level and redox intensity | H. Brix, and S. L. Miao. 2005. Growth and nutrient responses of Eloecharis cellulose (Cyperaceae) to phosphate level and redox intensity. American Journal of Botany 92:1457-1466. |
| Busch, J | A rhizotron to study root growth under flooded conditions | Busch, J., I. A. Mendelssohn, B. Lorenzen, H. Brix, and S. Miao. 2006. A rhizotron to study root growth under flooded conditions. Flora 201:429-439. |
| Caffrey JM | Influence of the submersed plant, Potamogeton perfoliatus, on nitrogen cycling in estuarine sediments | Caffrey JM, Kemp WM. 1992. Influence of the submersed plant, Potamogeton perfoliatus, on nitrogen cycling in estuarine sediments. Limnology and Oceanography 37(7): 1483–1495. |
| Chabreck, R.H | The effects of weirs on plants and wildlife in the coastal marshes of Louisiana | Chabreck, R.H., and J.A. Nyman. 1989. The effects of weirs on plants and wildlife in the coastal marshes of Louisiana. pages 142-150 in W.G. Duffy and D. Clark (eds.). Marsh management in coastal Louisiana: effects and issues--proceedings of a symposiu |
| Chabreck, R.H. | Common Vascular Plants of the Louisiana Marsh. | Chabreck, R.H., and Condrey, R.E. 1979. Common Vascular Plants of the Louisiana Marsh. Louisiana State University Center for Wetland Resources, Baton Rouge, LA. |
| Chabreck, R.H. | Vegetation, Water and Soil Characteristics of the Louisiana Coastal Region. | Chabreck, R.H. 1972. Vegetation, Water and Soil Characteristics of the Louisiana Coastal Region. Louisiana State University, Agricultural Experiment Station Bulletin No. 664, Baton Rouge, LA, USA. |
| Chambers, J.L | Conservation, Protection and Utilization of Louisiana's Coastal Wetland Forests | Chambers, J.L., W.H. Conner, J.W. Day Jr., S.P. Faulkner, E.S. Gardiner, M.S. Hughes, R.F. Keim, S.L. King, K.W. McLeod, C.A. Miller, J.A. Nyman, G.P. Shaffer. 2005. Conservation, Protection and Utilization of Louisiana's Coastal Wetland Forests. Final |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Christensen, N.L. | Vegetation of the Southeastern Coastal Plain. In North American Terrestrial Vegetation. | Christensen, N.L. 1988. Vegetation of the Southeastern Coastal Plain. In North American Terrestrial Vegetation. Edited by M.G. Barbour and W.D. Billings. Cambridge University Press, Cambridge, UK. Pp. 317-363. |
| Clark, D | Assessment: Freshwater Introduction South of Highway 82, U.S | Clark, D., and J. Mazourek. 2005. Environmental Assessment: Freshwater Introduction South of Highway 82, U.S. Fish and Wildlife Service, Lafayette, LA. |
| Clarke SJ | Vegetation growth in rivers: influences upon sediment and nutrient dynamics | Clarke SJ. 2002. Vegetation growth in rivers: influences upon sediment and nutrient dynamics. Progress in Physical Geography 26(2): 159–172. |
| Conner, W. | Bottomlands hardwood productivity: case study in a rapidly subsiding, Louisiana, USA, watershed. | Conner, W., J. Day, and W. Slater. 1993. Bottomlands hardwood productivity: case study in a rapidly subsiding, Louisiana, USA, watershed. Wetlands Ecology and Management. 2:189-197. |
| Conner, W. | Vegetation of the northshore marshes and westshore swamps of Lake Pontchartrain, Louisiana | W. Conner, G. Cramer, and J. Day. 1980. Vegetation of the northshore marshes and westshore swamps of Lake Pontchartrain, Louisiana. Proc. La. Acad. Science 43:139- |
| Conner, W. H. | Diameter growth of Taxodium distichum (L.) Rich. and Nyssa aquatica L. from 1979-1985 in four Louisiana swamp stands. | Conner, W.H. and J.W. Day, Jr. 1992. Diameter growth of Taxodium distichum (L.) Rich. and Nyssa aquatica L. from 1979-1985 in four Louisiana swamp stands. American Midland Naturalist. 127:290-299. |
| Conner, W.H. | Water level variability and litterfall productivity of forested freshwater wetlands in Louisiana. | Conner, W.H. and J.W. Day, Jr. 1992. Water level variability and litterfall productivity of forested freshwater wetlands in Louisiana. American Midland Naturalist. 128:237-245. |
| Conner, W.H. | Bottomland hardwood productivity in a rapidly subsiding, Louisiana, USA, watershed. | Conner, W.H. and J.W. Day, Jr. 1993. Bottomland hardwood productivity in a rapidly subsiding, Louisiana, USA, watershed. Wetlands Ecology and Management. 2(4):189-197. |
| Conner, W.H. | Comparison of the vegetation of three Louisiana swamp sites with different flooding regimes. | Conner, W.H., and Gosselink, J.G., and Parrondo, R.T. 1981. Comparison of the vegetation of three Louisiana swamp sites with different flooding regimes. Am. J. Bot. 68: 320-331. |
| Craft, C. B | Response of Everglades plant communities to nitrogen and phosphorus additions | Craft, C. B., Vymazal, J., Richardson, C. J. 1995. Response of Everglades plant communities to nitrogen and phosphorus additions. Wetlands 15, 258-271. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| CWPPRA | Coastwide nutria control program (LA-03B) fact sheet. | CWPPRA. 2003. Coastwide nutria control program (LA-03B) fact sheet. Coastal Wetland Planning, Protection, and Restoration Act Task Force. Downloaded 20 November 2003. Available: http://www.lacoast.gov/projects/list.asp. |
| Day, J | Estuarine Ecology | Day, J. C. Hall, M. Kemp, and A. Y ez-Arancibia. 1989. Estuarine Ecology. Wiley Interscience, New York. 576 pp. |
| Day, J. | Environmental conditions in the Louisiana coastal zone. | Day, J., D. Culley, A. Mumphrey, and E. Turner, eds. 1979. Environmental conditions in the Louisiana coastal zone. Proc. Third Coastal Marsh Estuary Management Symposium. Division of Continuing Education, Louisiana State University. Baton Rouge. 51 |
| Day, J., | Community structure and carbon budget of a salt marsh and shallow bay estuarine system in Louisiana | Day, J., W. Smith, W. Stowe, and P. Wagner. 1973. Community structure and carbon budget of a salt marsh and shallow bay estuarine system in Louisiana. Center for Wetland Resources, Louisiana State University. Baton Rouge. Publ. No. LSU-SG-72-04. |
| Day, J.W., Jr | The ecology of Barataria Basin, Louisiana: an estuarine profile | Day, J.W., Jr. and W. H. Conner, eds. 1987. The ecology of Barataria Basin, Louisiana: an estuarine profile. National Wetlands Research Center, U.S. Fish Wildl. Serv. Biological Report 85(7.13). 165 pp. |
| De Groot CJ | The impact of desiccation of a freshwater marsh (Garcines Nord, Camargue, France) on sediment-water vegetation interactions | De Groot CJ, Van Wijck C. 1993. The impact of desiccation of a freshwater marsh (Garcines Nord, Camargue, France) on sediment-watervegetation interactions. Hydrobiologia 252: 83–94. |
| DeLaune R. D. | A screening of the capacity of Louisiana freshwater wetlands to process nitrate in diverted Mississippi River water | DeLaune RD, Jugsujinda A, West JL, Johnson CB, Kongchum M (2005b) A screening of the capacity of Louisiana freshwater wetlands to process nitrate in diverted Mississippi River water. Ecol Eng 25:315–321. |
| DeLaune R. D. | Impact of Mississippi River freshwater reintroduction on enhancing marsh accretionary processes in a Louisiana estuary. | DeLaune RD, Jugsujinda A, Peterson GW, Patrick WH Jr (2003) Impact of Mississippi River freshwater reintroduction on enhancing marsh accretionary processes in a Louisiana estuary. Estuar Coast Shelf Sci 58:653–662. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Delaune, R. D | Impact of Mississippi River Freshwater Reintroduction on Spartina Patens Marshes: Responses to Nutrient Input and Lowering of Salinity | Delaune, R. D., S. R. Pezeshki, and A. Jugsujinda. 2005. Impact of Mississippi River Freshwater Reintroduction on Spartina Patens Marshes: Responses to Nutrient Input and Lowering of Salinity. Wetlands 25, no. 1: 155-61. |
| DeLaune, R. D | Relationships of mineral nutrients to growth of Spartina alterniflora in Louisiana salt marshes | DeLaune, R. D. and S. R. Pezeshki. 1988. Relationships of mineral nutrients to growth of Spartina alterniflora in Louisiana salt marshes. Northeast Gulf Science 10:55–60. |
| Delaune, R. D. | Accumulation of plant nutrients and heavy metals through sedimentation processes and accretion in a Louisiana salt marsh | Delaune, R. D., C. N. Riddy, and W. H. Patrick. 1981. Accumulation of plant nutrients and heavy metals through sedimentation processes and accretion in a Louisiana salt marsh. Estuaries 4(4):328-334. |
| Delcourt, P.A. | Quaternary vegetation history of the Mississippi embayment. | Delcourt, P.A., Delcourt, H.R., Brister, R.C., and Lackey, L.E. 1980. Quaternary vegetation history of the Mississippi embayment. Quat. Res. 13: 111-132. |
| Department of the Army, Corps of Engineers | Louisiana Coastal Area Ecosystem Restoration Study | Department of the Army, Corps of Engineers. 2004. Louisiana Coastal Area Ecosystem Restoration Study. |
| Evers, D.E. | The impact of vertebrate herbivores on wetland vegetation in Atchafalaya Bay, Louisiana. | Evers, D.E., Sasser, C.E., Gosselink, J.G., Fuller, D.A., and Visser, J.M. 1998. The impact of vertebrate herbivores on wetland vegetation in Atchafalaya Bay, Louisiana. Estuaries, 21: 1-13. |
| Finkl, C. W | Saving America's Wetland: Strategies for Restoration of Louisiana's Coastal Wetlands and Barrier Islands | Finkl, C. W., and S. M. Khalil.. 2005. Saving America's Wetland: Strategies for Restoration of Louisiana's Coastal Wetlands and Barrier Islands - Introduction. Journal of Coastal Research: 2-6. |
| Flores-Verdugo, F. | Phytoplankton production and seasonal biomass variation of seagrass Ruppis maritima L. in a tropical Mexican lagoon with an ephemeral inlet | Flores-Verdugo, F., J. Day, L. Mee, and R. Brise o-Due as. 1988. Phytoplankton production and seasonal biomass variation of seagrass Ruppis maritima L. in a tropical Mexican lagoon with an ephemeral inlet. Estuaries. 11: 51-56. |
| Flynn, K.M. | Recovery of freshwater marsh vegetation after a saltwater intrusion event. | Flynn, K.M., Mckee, K.L., and Mendelssohn, I.A. 1995. Recovery of freshwater marsh vegetation after a saltwater intrusion event. Oecologia. 103: 63-72. |
| Fraser, L.H. | The World's Largest Wetlands: Ecology and Conservation. | Fraser, L.H., and Keddy, P.A. (editors). 2005The World's Largest Wetlands: Ecology and Conservation. Cambridge University Press, Cambridge, UK. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Geho, E.M. | Quantifying ecological filters: the relative impact of herbivory, neighbours, and sediment on an oligohaline marsh. | Geho, E.M., Campbell, D., Keddy, P.A. 2007. Quantifying ecological filters: the relative impact of herbivory, neighbours, and sediment on an oligohaline marsh. Oikos. In press. |
| Gleason, M.L | Effect of stem density upon sediment retention by salt marsh cord grass, Spartina alterniflora loisel | Gleason, M.L., Elmer, D.A., Pien, N.C., Fisher, J.S., 1979. Effect of stem density upon sediment retention by salt marsh cord grass, Spartina alterniflora loisel. Estuaries 2, 271"/273. |
| Godfrey, R.K. | Aquatic and Wetland Plants of the Southeastern United States. | Godfrey, R.K., and Wooten, J.W. 1981. Aquatic and Wetland Plants of the Southeastern United States. University of Georgia Press. Athens, GA, USA. |
| Gough, L. | Effects of flooding, salinity, and herbivory on coastal plant communities | Gough, L., and Grace, J.B. 1998. Effects of flooding, salinity, and herbivory on coastal plant communities, Louisiana, USA. Oecologia. 117: 527-535. |
| Grace, J.B. | A structural equation model of plant species richness and its application to a coastal wetland. | Grace, J.B., and Pugesek, B.H. 1997. A structural equation model of plant species richness and its application to a coastal wetland. Am. Nat. 149: 436-460. |
| Grace, J.B. | The potential impact of herbivores on the susceptibility of the marsh plant Sagittaria lancifolia to saltwater intrusion in coastal wetlands. | Grace, J.B., and Ford, M.A. 1996. The potential impact of herbivores on the susceptibility of the marsh plant Sagittaria lancifolia to saltwater intrusion in coastal wetlands. Estuaries, 19: 13-20. |
| Hesse, I | Long-term growth enhancement of baldcypress (Taxodium distichum) from nunicipal wastewater application | Hesse, I., T. Doyle, and J. Day. 1998. Long-term growth enhancement of baldcypress (Taxodium distichum) from nunicipal wastewater application. Environmental Management. 22:119-127. |
| Hester, M.W. | Species and population variation to salinity stress in Panicum hemitomon, Spartina patens, and Spartina, alterniflora: morphological and physiological constraints. | Hester, M.W., Mendelssohn, I.A., and Mckee, K.I., 2001. Species and population variation to salinity stress in Panicum hemitomon, Spartina patens, and Spartina, alterniflora: morphological and physiological constraints. Environ. Exp. Bot. 46: 277-2 |
| Hester, M.W. | Intrspecific variation in salt tolerance and morphology in Pancium hemitomon and Spartina alterniflora (Poaceae). | Hester, M.W., Mendelssohn, I.A., and Mckee, K.I., 1998. Intraspecific variation in salt tolerance and morphology in Pancium hemitomon and Spartina alterniflora (Poaceae). Int. J. Plant Sci. 159: 127-138. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Howard, R.J | Salinity as a constraint on growth of oligohaline marsh macrophytes. Species variation in stress tolerance. | Howard, R.J., and Mendelssohn, I.A. 1999. Salinity as a constraint on growth of oligohaline marsh macrophytes. Species variation in stress tolerance. Am J. Bot. 86: 785-794. |
| Hyfield, Emily C. G | A feasibility analysis of discharge of non-contact, once-through industrial cooling water to forested wetlands for coastal restoration in Louisiana | Hyfield, Emily C. G.,Day, John, Mendelssohn, Irving, and Kemp, G. Paul. 2006. A feasibility analysis of discharge of non-contact, once-through industrial cooling water to forested wetlands for coastal restoration in Louisiana. Ecological Engineering. 29: |
| Johnson, C. B | Capacity of Freshwater Marsh to Process Nutrients in Diverted Mississippi River Water | Johnson, C. B. 2004. "Capacity of Freshwater Marsh to Process Nutrients in Diverted Mississippi River Water." Louisiana State University. |
| Kandalepas, D. | Classification of wetland vegetation types in the northwestern portion of Lake Pontchartrain Basin, LA. | Kandalepas, D. 2004. Classification of wetland vegetation types in the northwestern portion of Lake Pontchartrain Basin, LA. USA. M.Sc. thesis, southeastern Louisiana University, Hammond, LA, USA. |
| Keddy, P.A. | Assembly and response rules: two goals for predictive community ecology. | Keddy, P.A. 1992. Assembly and response rules: two goals for predictive community ecology. J. Veg. Sci. 3: 157-164. |
| Keddy, P.A. | The Wetlands of Lakes Pontchartrain and Maurepas: Past, Present and Future | Keddy, P.A., D. Campbell, T. McFalls, G.P. Shaffer, R. Moreau, C. Dragnet, R. Heleniak.2007.The Wetlands of Lakes Pontchartrain and Maurepas: Past, Present and Future. NRC Research Press. |
| Keddy, P.A. | Wetland Ecology: Principles and Conservation | Keddy, P.A. 2000. Wetland Ecology: Principles and Conservation. Cambridge University Press, Cambridge, UK. |
| Kemp, G.P | Effects of flooding on decomposition and nutrient cycling in a Louisiana swamp forest | Kemp, G.P., Conner, W. H., Day, J. W., Jr. 1985. Effects of flooding on decomposition and nutrient cycling in a Louisiana swamp forest. Wetlands 5, 35-51. |
| Kemp, G.P | Nutrient dynamics in a Louisiana swamp receiving agricultural runoff | Kemp, G.P., W.H. Conner, and J.W. Day, Jr. 1985. Nutrient dynamics in a Louisiana swamp receiving agricultural runoff. Pages 286-293 in K.C. Ewel and H.T. Odum (eds.), Cypress Swamps, University Presses of Florida, Gainsville, Florida. |
| Koch, M.S | Mechanism for the hydrogen sulfide-induced growth limitation in wet-land macrophytes. | Koch, M.S., Mendelssohn, I.A., and McKee, K.L. 1990. Mechanism for the hydrogen sulfide-induced growth limitation in wet-land macrophytes. Limnol. Oceanogr. 35: 399-408. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| La Peyre, M.K.G. | The importance of competition in regulating plant species abundance along a salinity gradient | La Peyre, M.K.G., Grace, J.B., Hahn, E., and Mendelssohn, I.A. 2001. The importance of competition in regulating plant species abundance along a salinity gradient. Ecology (USA), 82: 62-69. |
| Lane, R. R | Potential Nitrate Removal From a River Diversion Into a Mississippi Delta Forested Wetland | Lane, R. R., H. S. Mashriqui, G. P. Kemp, J. W. Day, J. N. Day, and A. Hamilton. 2003. Potential Nitrate Removal From a River Diversion Into a Mississippi Delta Forested Wetland. Ecological Engineering 20, no. 3: 237-49. |
| LaPeyre, Megan | Using Gambusia affinis growth rates to assess estuarine habitat quality: a comparison of indices | LaPeyre, Megan and Piazza, Bryan. Using Gambusia affinis growth rates to assess estuarine habitat quality: a comparison of indices. Transactions of the American Fisheries Society. In Review |
| Lindau, C.W | Denitrification in cypress swamp within the Atchafalaya River Basin, Louisiana. | Lindaua, C.W., R.D. DeLaune, A.E. Scaroni and J.A. Nyman. 2008. Denitrification in cypress swamp within the Atchafalaya River Basin, Louisiana. Chemosphere 70:886-894. |
| Llewellyn, D.W. | A decision-support system for prioritizing restoration sites on the Mississippi River alluvial plain. | Llewellyn, D.W., Shaffer, G.P., Craig, N.J., Creasman, L., Pashley, D., Swan, M., and Brown, C. 1996. A decision-support system for prioritizing restoration sites on the Mississippi River alluvial plain. Conserv. Biol. 10: 1446-1455. |
| Lopez, J.A. | Chronology and analysis of environmental impacts within the Ponchartrain basin of the Mississippi Delta Plain: 1718-2002. | Lopez, J.A. 2003. Chronology and analysis of environmental impacts within the Ponchartrain basin of the Mississippi Delta Plain: 1718-2002. Ph.D. Dissertation, Engineering and Applied Sciences Program, University of New Orleans, New Orleans, LA. USA |
| Lowe, E.F. | The relationship between hydrology and vegetational pattern within the floodplain marsh of a subtropical Florida lake. | Lowe, E.F. 1986. The relationship between hydrology and vegetational pattern within the floodplain marsh of a subtropical Florida lake. Fla. Sci. 49: 213-233. |
| Mancil, E. | Pullboat logging | Mancil, E. 1980. Pullboat logging, J. For. Hist. 24: 135-141. |
| Marino, J.H | Effects of season and marsh management on submersed aquatic vegetation in coastal Louisiana brackish marsh ponds | Marino, J.H., J.A. Nyman, and T. Michot. 2005. Effects of season and marsh management on submersed aquatic vegetation in coastal Louisiana brackish marsh ponds. Ecological Restoration 23:235- |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Martin, S.B | Sagittaria biomass partitioning relative to salinity, hydrological regime, and substrate type: implications for plant distribution patterns in coastal Louisiana | Martin, S.B., Shaffer, G.P. 2005. Sagittaria biomass partitioning relative to salinity, hydrological regime, and substrate type: implications for plant distribution patterns in coastal Louisiana, USA. Journal of Coastal Research 21, 164-171. |
| McFalls, T. | Effects of disturbance and fertility upon the vegetation of a Louisiana coastal marsh. | |
| McKee, K. | Acute salt marsh dieback in the Mississisippi River deltaic plain: A drought induced phenomeon? | McKee, K., Mendelssohn, I. A., Materne, M.D. 2004. Acute salt marsh dieback in the Mississisippi River deltaic plain: A drought induced phenomeon? Global Ecology and Biogeography 13, 65-73., |
| McKee, K.L. | Response of a freshwater marsh plant community to increased salinity and increased water level. | McKee, K.L., Mendelssohn, I.A., 1989. Response of a freshwater marsh plant community to increased salinity and increased water level. Aquatic Botany 34, 301-316. |
| McNally, D | Effects of a marsh management impoundment on hydrology, accretion and SAV production in the Mississippi Deltaic Plain | McNally, D. 1992. Effects of a marsh management impoundment on hydrology, accretion and SAV production in the Mississippi Deltaic Plain. MS thesis, Louisiana State University, Baton Rouge, LA. USA. |
| Megonigal, J.P. | Aboveground production in southeastern floodplain forests: a test of the subsidy-stress hypothesis. | Megonigal, J.P., Conner, W.H. Kroeger, S., and Shariitz, R.R. 1997. Aboveground production in southeastern floodplain forests: a test of the subsidy-stress hypothesis. Ecology (USA), 78: 370-384. |
| Mendelssohn, I. A. | Abiotic constraints for wetland plants and animals | Mendelssohn, I. A. and D. Batzer. 2006. Abiotic constraints for wetland plants and animals, pp.82-114. In: Ecology of Freshwater and Estuarine Wetlands (D. P. Batzer and R. R. Sharitz, eds.), University of California Press, Berkley, CA. |
| Mendelssohn, I.A | Spatina alterniflora die-back in Louisiana: time course investigation of soil waterlogging effects. | Mendelssohn, I.A., McKee, K.L., 1988. Spatina alterniflora die-back in Louisiana: time course investigation of soil waterlogging effects. Journal of Ecology 76, 509-521. |
| Mendelssohn, I.A | The effects of sediment addition on salt marsh vegetation and soil physico-chemistry. | Mendelssohn, I.A., and N.L. Kuhn. 1999. The effects of sediment addition on salt marsh vegetation and soil physico-chemistry. In Recent Research in Coastal Louisiana – Natural System Function and Human Influence. Eds. Rozas, L.P., J.A. Nyman, C.E. |
| Mendelssohn, L.A. | Sediment subsidy: effects on soil-plant responses in a rapidly submerging coastal salt marsh. | Mendelssohn, L.A., and Kuhn, LA. 2003. Sediment subsidy: effects on soil-plant responses in a rapidly submerging coastal salt marsh. Ecol. Eng. 21: 115-128. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Moerschbaecher, M. K. | The Impact of the Caernarvon Diversion on Above and Below Ground Biomass in the Breton Sound Estuary after Hurricane Katrina | Moerschbaecher, M. K. (2008) The Impact of the Caernarvon Diversion on Above and Below Ground Biomass in the Breton Sound Estuary after Hurricane Katrina. Master's Thesis, Louisiana State University. Baton Rouge, Louisiana. USA. |
| Montague, C. L. | A possible effect of salinity fluctuation on abundance of benthic vegetation and associated fauna in northeastern Florida Bay | Montague, C.L., and J.A. Ley. 1993. A possible effect of salinity fluctuation on abundance of benthic vegetation and associated fauna in northeastern Florida Bay. Estuaries 16:703-717. |
| Myers, R.S | Baldcypress restoration in southeast Louisiana: the relative effects of herbivory, flooding, competition, and macronutrients. | Myers, R.S., Shaffer, G.P., Llewellyn, D.W. 1995. Baldcypress restoration in southeast Louisiana: the relative effects of herbivory, flooding, competition, and macronutrients. Wetlands 15, 141-148. |
| Nyman, J. A | Relationship between vegetation and soil formation in a rapidly submerging coastal marsh | Nyman, J. A., R. D. DeLaune, H. H. Roberts, and W. H. Patrick, Jr. 1993. Relationship between vegetation and soil formation in a rapidly submerging coastal marsh. Marine Ecology Progress Series, 96, 269-279. |
| Nyman, J.A | Erosion rather than plant dieback as the mechanism of marsh loss in an estuarine marsh. | Nyman, J.A., M. Carloss, R.D. DeLaune, and W.H. Patrick, Jr. 1994. Erosion rather than plant dieback as the mechanism of marsh loss in an estuarine marsh. Earth Surface Processes and Landforms. 19:69-84. |
| Nyman, J.A | Some effects of 30 years of weir management on coastal marsh aquatic vegetation and implications to waterfowl management | Nyman, J.A., and R.H. Chabreck. 1996. Some effects of 30 years of weir management on coastal marsh aquatic vegetation and implications to waterfowl management. Gulf of Mexico Science. 1:16-25. |
| Nyman, J.A. | Marsh vertical accretion via vegetative growth | Nyman, J.A., R.J. Walters, R.D. DeLaune, and W.H. Patrick, Jr. 2006. Marsh vertical accretion via vegetative growth. Estuarine Coastal and Shelf Science 69:370-380. |
| Penfound, W.T. | Plant communities in the marshlands of southeastern Louisiana. | Penfound, W.T., and Hathaway, E.S. 1938. Plant communities in the marshlands of southeastern Louisiana. Ecol. Monogr. 8: 1-56. |
| Pezeshki, S. R | Response of Spartina patens to increasing levels of salinity in rapidly subsiding marshes of the Mississippi River deltaic plain | Pezeshki, S. R., R. D. DeLaune, and W. H. Patrick 1987. Response of Spartina patens to increasing levels of salinity in rapidly subsiding marshes of the Mississippi River deltaic plain.Estuarine, Coastal and Shelf Science, 24, 389-399 |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Pezeshki, S.R | Sediment addition enhances transpiration and growth of Spartina alterniflora in deteriorating Lousiana Gulf Coast salt marshes. | Pezeshki, S.R., Delaune, R.D.,and Pardue, J.H. 1992. Sediment addition enhances transpiration and growth of Spartina alterniflora in deteriorating Lousiana Gulf Coast salt marshes. Wetlands Ecol. Manage. 1: 185-189. |
| Pezeshki, S.R. | A comparative study of the response of Taxodium distichum and Nyssa aquatic seedlings to soil anaerobiosis and salinity. | Pezeshki, S.R. 1990. A comparative study of the response of Taxodium distichum and Nyssa aquatic seedlings to soil anaerobiosis and salinity. For. Ecol. Manage. 33/34: 531-541. |
| Pezeshki, S.R. | Effects of flooding and salinity on photosynthesis of sagittaria lancifolia. | Pezeshki, S.R., Delaune, R.D., and Patrick, W.H., Jr. 1987b. Effects of flooding and salinity on photosynthesis of sagittaria lancifolia. Mar. Ecol. Prog. Ser. 41: 87-91. |
| Pezeshki, S.R. | Response of bald cypress (Taxodium distichum L. var. distichum) to increases in flooding and salinity in Louisiana's Mississippi River Deltaic Plain. | Pezeshki, S.R., Delaune, R.D., and Patrick, W.H., Jr. 1987a. Response of bald cypress (Taxodium distichum L. var. distichum) to increases in flooding and salinity in Louisiana's Mississippi River Deltaic Plain. Wetlands, 7: 1-10. |
| Pezeshki, S.R. | Response of the freshwater marsh species, Panicum Hemitomon Schult., to increased salinity. | Pezeshki, S.R., Delaune, R.D., and Patrick, W.H., Jr. 1987c. Response of the freshwater marsh species, Panicum Hemitomon Schult., to increased salinity. Freshwater Biol. 17: 195-200. |
| Reyes, E., M. | Landscape modeling of coastal habitat change in the Mississippi delta | Reyes, E., M. White, J. Martin, P. Kemp, J. Day, and V. Aravamuthan. 2000. Landscape modeling of coastal habitat change in the Mississippi delta. Ecology. 81: 2331-2349. |
| Rioual, C. | Response scenarios for the deltaic plain of the Rhone in the face of an acceleration in the rate of sea level rise, with a special attention for Salicornia-type environments | Pont, D., J. Day, P. Hensel, E. Franquet, F. Torre, P. Rioual, C. Ibanez, and E. Coulet. 2002. Response scenarios for the deltaic plain of the Rhone in the face of an acceleration in the rate of sea level rise, with a special attention for |
| Rybczyk, J | A relative elevation model for a subsiding coastal forested wetland receiving wastewater effluent | Rybczyk, J.M., Callaway, J.C. and J.W Day, Jr. . 1998. A relative elevation model for a subsiding coastal forested wetland receiving wastewater effluent. Ecological Modelling. 112: 23-44. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Rybczyk, J | The impact of Hurricane Andrew on tree mortality, litterfall and water quality in a Louisiana coastal swamp forest. | Rybczyk, J., X.W. Zhang, J. Day, I. Hesse, and S. Feagley. 1995. The impact of Hurricane Andrew on tree mortality, litterfall and water quality in a Louisiana coastal swamp forest. Journal of |
| Sabo, Matthew J | Hydrology and Aquatic Habitat Chaaracteristics of a riverine swamp: I. Influence of flow on water temperature and chemistry | Sabo, Matthew J., Bryan, C. Fredrick, Kelso, William E., Rutherford, Allen. 1999. Hydrology and Aquatic Habitat Chaaracteristics of a riverine swamp: I. Influence of flow on water temperature and chemistry. Regulated Rivers: Research & Management. vo1 5 |
| Sasser, C.E | Hydrologic, Vegetation, and Substrate Characteristics of Floating Marshes in Sedimentrich Wetlands of the Mississippi River Delta Plain, Louisiana, USA | Sasser, C.E., J.G. Gosselink, E.M. Swenson, and D.E. Evers. 1995a. Hydrologic, Vegetation, and Substrate Characteristics of Floating Marshes in Sedimentrich Wetlands of the Mississippi River Delta Plain, Louisiana, USA. Wetlands Ecology 3(3): 171-187. |
| Sasser, C.E | Vegetation and Primary Production in a Floating Freshwater Marsh in Louisiana. | Sasser, C.E., and J.G. Gosselink. 1984. Vegetation and Primary Production in a Floating Freshwater Marsh in Louisiana. Aquatic Botany 20: 245-255. |
| Sasser, C.E | Vegetation Dynamics in Relation to Nutrients in Floating Marshes in Louisiana, U.S.A. | Sasser, C.E. 1994. Vegetation Dynamics in Relation to Nutrients in Floating Marshes in Louisiana, U.S.A. Ph.D. Dissertation, University of Utrecht, The Netherlands, 193 pp. |
| Silliman, B. R | Drought, snails, and large-scale die-off of southern U.S. salt marshes | Silliman, B. R., J. van de Koppel, M. D. Bertness, L. E. Stanton, and I. A. Mendelssohn. 2005. Drought, snails, and large-scale die-off of southern U.S. salt marshes. Science 310:1803-1806. |
| Sillman, B.R. | A trophic cascade regulates salt marsh primary production. | Sillman, B.R., and Bertness, M.D. 2002. A trophic cascade regulates salt marsh primary production. Proc. Nat'l. Acad. Sci. U.S.A. 99: 10500-10505. |
| Souther, R.F. | The effects of submergence and light on two age classes of baldcypress (Taxodium distichum) seedlings. | Souther, R.F., and Shaffer, G.P. 2000. The effects of submergence and light on two age classes of baldcypress (Taxodium distichum) seedlings. Wetlands, 20: 697-706. |
| Swarzenski, C. M | Biogeochemical response of organic-rich freshwater marshes in the Louisiana delta plain to chronic river water influx | Swarzenski, C. M., Doyle, T. W., Fry, B. Hargis, T. G. (2008). Biogeochemical response of organic-rich freshwater marshes in the Louisiana delta plain to chronic river water influx. Biogeochemistry, Vol 90 pp 49-63. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Taylor, K.L. | The effects of vertebrate herbivory on plant community structure in coastal mashes of the Pearl River, Louisiana, USA. | Taylor, K.L., and Grace, J.B. 1995. The effects of vertebrate herbivory on plant community structure in coastal mashes of the Pearl River, Louisiana, USA. Wetlands, 15: 68-73. |
| Taylor, K.L. | The effects of herbivory on neighbor interactions along a coastal marsh gradient. | Taylor, K.L., and Grace, J.B., and Marx, B.D. 1997. The effects of herbivory on neighbor interactions along a coastal marsh gradient. Am. J. Bot. 84: 708-715. |
| Thomson, D.A. | The influence of hydrological alterations upon wetland hydrodynamics and plant growth on the Manchac Landbridge | Thomson, D.A. 2000. The influence of hydrological alterations upon wetland hydrodynamics and plant growth on the Manchac Landbridge. M.Sc. thesis, Southeastern Louisiana University, Hammond, LA, USA. |
| Toner, M. | River hydrology and riparian wetlands: a predictive model for ecological assembly | Toner, M., and Kreddy, P. 1997. River hydrology and riparian wetlands: a predictive model for ecological assembly, Ecol. Appl. 7: 236-246. |
| Turner, R. E. | Managing wetlands in coastal Louisiana for plants, waterfowl, fish and other animals | Turner, R. E. 1990.Managing wetlands in coastal Louisiana for plants, waterfowl, fish and other animals.Bull. Ecology t. 21 (3): 21-24 |
| Twilley, R.R | A comparative study of decomposition, oxygen consumption and nutrient release for selected aquatic plants occurring in an estuarine environment. | Twilley, R.R., G. Etoung, P.Romare, and W.M. Kemp. 1986. A comparative study of decomposition, oxygen consumption and nutrient release for selected aquatic plants occurring in an estuarine environment. Oikos 42: 190198. |
| U.S. Army Corps of Engineers. | Atchafalaya Basin Floodway System, Louisiana. Feasibility Study. Volume 3, Technical Appendices E, F, G. Hand, I: EIS-78. | U.S. Army Corps of Engineers. 1982. Atchafalaya Basin Floodway System, Louisiana. Feasibility Study. Volume 3, Technical Appendices E, F, G. Hand, I: EIS-78. |
| USGS | Davis Pond Freshwater Prediversion Biomonitoring Study: Freshwater Fisheries and Eagles | USGS. (2008). Davis Pond Freshwater Prediversion Biomonitoring Study: Freshwater Fisheries and Eagles. Unites States Geological Survey. Reston, Virginia. pp 102. |
| Valiela, I. | Nutrient limitation in salt marsh vegetation. In Ecology of halophytes. | Valiela, I., and Teal, J.M. 1974. Nutrient limitation in salt marsh vegetation. In Ecology of halophytes. Edited by R.J. Reinhold and W.h. McQueen. Accademic Press, New York, NY, USA, pp. 547-563. |
| Visser, J. M | Marsh Vegetation Types of the Mississippi River Deltaic Plain | Visser, J. M., Sasser, C. E. (1996). Marsh Vegetation Types of the Mississippi River Deltaic Plain. Estuaries. Vol. 21. No 48. pp 818-828. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Watkins, L. | The effects of hydrology, nutrients, and salinity on ten common wetland plants in Louisiana: a mesocosm study. | Watkins, L. 2005. The effects of hydrology, nutrients, and salinity on ten common wetland plants in Louisiana: a mesocosm study. Masters Thesis, Southeastern Louisiana University. |
| White, D.A, | Remnant bottomland forests near the terminus of the Mississippi River in southeastern Louisiana. | White, D.A. & S.A. Skojac. 2002. Remnant bottomland forests near the terminus of the Mississippi River in southeastern Louisiana. Castanea. 67:134-145. |
| White, D.A. | Accreting mudflats at the Mississippi River delta: sedimentation rates and vascular plant succession. | White, D.A. 1989. Accreting mudflats at the Mississippi River delta: sedimentation rates and vascular plant succession. pp. 49-57. In: Duffy, W.G. & D. Clark, eds. Marsh management in coastal Louisiana: effects and issues - proceedings of a symposium. |
| White, D.A. | Vascular plant community development on mudflats in the Mississippi River delta, Louisiana | White, D.A. 1993 Vascular plant community development on mudflats in the Mississippi River delta, Louisiana, U.S.A. Aquatic Botany. 45:171-194. |
| Zedler, J.B. | Temporal Variability of salt Marsh Vegetation: the role of low-salinity gaps and environmental stress. | Zedler, J.B., and Beare, P.A. 1986. Temporal Variability of salt Marsh Vegetation: the role of low-salinity gaps and environmental stress. In Estuarine Variability. Edited by D.A. Wolfe. San Diego: Academic Press. Pp. 295- |

# SALINITY LITERATURE

| Author 1 | Title | Complete Reference |
|---|---|---|
| Alexander, Heather | Treated Wastewater Effluent as an Alternative Freshwater Source in a Hypersaline Salt Marsh: Impacts on Salinity, Inorganic Nitrogen, and Emergent Vegetation | |
| Baldwin, A.H | Effects of salinity and water level on coastal marshes: an experimental test of disturbance as a catalyst for vegetation change. | Baldwin, A.H., and Mendelssohn, I.A. 1988b. Effects of salinity and water level on coastal marshes: an experimental test of disturbance as a catalyst for vegetation change. Aquat. Bot. 61: 255-268. |
| Baldwin, A.H., | The influence of vegetation, salinity, and inundation on seed banks of oligohaline coastal marshes. | Baldwin, A.H., McKee, K.L., and Mendelssohn, I.A. 1996. The influence of vegetation, salinity, and inundation on seed banks of oligohaline coastal marshes. Am. J. Bot. 83: 470-479. |
| Barletta M | The role of salinity in structuring the fish assemblages in a tropical estuary. | Barletta M, Barletta-Bergen A, Saint-Paul U, Hubold G (2005) The role of salinity in structuring the fish assemblages in a tropical estuary. J Fish Biol 66:45–72 |
| Barrett-Lennard, E. G. | The interaction between waterlogging and salinity in higher plants: causes, consequences, and implications | Barrett-Lennard, E. G. 2003. The interaction between waterlogging and salinity in higher plants: causes, consequences, and implications. Plant and Soil 253:35–54. |
| Bierman V | Performance Report for the Caloosahatchee Estuary salinity modeling | Bierman V (1993) Performance Report for the Caloosahatchee Estuary salinity modeling. South Florida Water Management District (SFWMD) expert assistance contract, Limno-Tech, Ann Arbor, MI |
| Bonnet Carre Reanalysis Technical Team | Assessment of Potential Water and Sediment Quality Impacts Resulting From the Bonnet Carre Freshwater Diversion Reanalysis Alternative | Bonnet Carre Reanalysis Technical Team. 1995. Assessment of Potential Water and Sediment Quality Impacts Resulting From the Bonnet Carre Freshwater Diversion Reanalysis Alternative. |
| Brammer, Amanda | Effects of the 1997 Bonnet Carré Spillway Opening on Infaunal Macroinvertebrates in Lake Pontchartrain, Louisiana | |
| Butler, P.A | An investigation of oyster producing areas in Louisiana and Mississippi damaged by flood waters of 1945 | Butler, P.A. 1949. An investigation of oyster producing areas in Louisiana and Mississippi damaged by flood waters of 1945. U.S. Dept. Interior, U.S. Fish and Wildlife Service, Fisheries Report No.8, 29pp. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Chatry, M | Optimum salinity regime for oyster production on Louisiana's state seed grounds | Chatry, M., R.J. Dugas, and K.A. Easley. 1983. Optimum salinity regime for oyster production on Louisiana's state seed grounds. Contributions in Marine Science 26:81-94. |
| Chu FE | Perkinsus marinus infection and potential defense-related activities in eastern oysters, Crassostrea virginica: salinity effects. | Chu FE, La Peyre JF, Burreson CS (1993) Perkinsus marinus infection and potential defense-related activities in eastern oysters, Crassostrea virginica: salinity effects. J Invertebr Pathol 62:226–232 |
| Cobb, Mark | Modeling the Circulation of the Atchafalaya Bay System. Part 2: River Plume Dynamics during Cold Fronts | |
| Cobb, Mark | Modeling the Circulation of the Atchafalaya Bay System during Winter Cold Front Events. Part 1: Model Description and Validation | |
| Day, J | Relative sea level rise and Venice Lagoon wetlands | Day, J., A. Rismondo, F. Scarton, D. Are, and G. Cecconi. 1998. Relative sea level rise and Venice Lagoon wetlands. Journal of Coastal |
| Delaune, R. D | Impact of Mississippi River Freshwater Reintroduction on Spartina Patens Marshes: Responses to Nutrient Input and Lowering of Salinity | Delaune, R. D., S. R. Pezeshki, and A. Jugsujinda. 2005. Impact of Mississippi River Freshwater Reintroduction on Spartina Patens Marshes: Responses to Nutrient Input and Lowering of Salinity. Wetlands 25, no. 1: 155-61. |
| Fisher, W. S | Influence of altered freshwater flows on eastern oysters | Fisher, W. S., and J. T. Winstead. 2005. Influence of altered freshwater flows on eastern oysters. Journal of Shellfish Research 24, no. 2: 654. |
| Flynn, K.M. | Recovery of freshwater marsh vegetation after a saltwater intrusion event. | Flynn, K.M., Mckee, K.L., and Mendelssohn, I.A. 1995. Recovery of freshwater marsh vegetation after a saltwater intrusion event. Oecologia. 103: 63-72. |
| Ford SE | Effects of salinity on survival of the MSX parasite Haplosporidium nelsoni (Haskin, Stauber, and Mackin) in oysters | Ford SE (1985) Effects of salinity on survival of the MSX parasite Haplosporidium nelsoni (Haskin, Stauber, and Mackin) in oysters. J Shellfish Res 5(2):85–90 |
| Georgiou, I | Hydrodynamic and Salinity Modeling in the Pontchartrain Basin: Assessment of Freshwater Diversions at Violet with MRGO Modifications | Georgiou, I., 2007. Hydrodynamic and Salinity Modeling in the Pontchartrain Basin: Assessment of Freshwater Diversions at Violet with MRGO Modifications. Final Report. August, 2007. |
| Gough, L. | Effects of flooding, salinity, and herbivory on coastal plant communities | Gough, L., and Grace, J.B. 1998. Effects of flooding, salinity, and herbivory on coastal plant communities, Louisiana, USA. Oecologia. 117: 527-535. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Grace, J.B. | The potential impact of herbivores on the susceptibility of the marsh plant Sagittaria lancifolia to saltwater intrusion in coastal wetlands. | Grace, J.B., and Ford, M.A. 1996. The potential impact of herbivores on the susceptibility of the marsh plant Sagittaria lancifolia to saltwater intrusion in coastal wetlands. Estuaries, 19: 13-20. |
| Guillory, V | Relationship of Blue Crab Commercial Landings and Recruitment to River Discharge and Salinity | Guillory, V., 1999. Relationship of Blue Crab Commercial Landings and Recruitment to River Discharge and Salinity, Proceedings of the Annual Conference of the Southeastern Association of Fish and Wildlife Agencies 53:1-7. |
| Habib, Emad | Assessing Effects of Data Limitations on Salinity Forecasting in Barataria Basin, Louisiana, with a Bayesian Analysis | |
| Haskin HH | Haplosporidium nelsoni (MSX) on Delaware Bay seed oyster beds: a host-parasite relationship along a salinity gradient | Haskin HH, Ford SE (1982) Haplosporidium nelsoni (MSX) on Delaware Bay seed oyster beds: a host-parasite relationship along a salinity gradient. J Invertebr Pathol 40(3): 388–405 |
| Hester, M.W. | Species and population variation to salinity stress in Panicum hemitomon, Spartina patens, and Spartina, alterniflora: morphological and physiological constraints. | Hester, M.W., Mendelssohn, I.A., and Mckee, K.I., 2001. Species and population variation to salinity stress in Panicum hemitomon, Spartina patens, and Spartina, alterniflora: morphological and physiological constraints. Environ. Exp. Bot. 46: 277-297. |
| Hester, M.W. | Intrspecific variation in salt tolerance and morphology in Pancium hemitomon and Spartina alterniflora (Poaceae). | Hester, M.W., Mendelssohn, I.A., and Mckee, K.I., 1998. Intraspecific variation in salt tolerance and morphology in Pancium hemitomon and Spartina alterniflora (Poaceae). Int. J. Plant Sci. 159: 127-138. |
| Howard, R.J | Salinity as a constraint on growth of oligohaline marsh macrophytes. Species variation in stress tolerance. | Howard, R.J., and Mendelssohn, I.A. 1999. Salinity as a constraint on growth of oligohaline marsh macrophytes. Species variation in stress tolerance. Am J. Bot. 86: 785-794. |
| Koch, M.S | Mechanism for the hydrogen sulfide-induced growth limitation in wet-land macrophytes. | Koch, M.S., Mendelssohn, I.A., and McKee, K.L. 1990. Mechanism for the hydrogen sulfide-induced growth limitation in wet-land macrophytes. Limnol. Oceanogr. 35: 399-408. |
| La Peyre, M.K.G. | The importance of competition in regulating plant species abundance along a salinity gradient | La Peyre, M.K.G., Grace, J.B., Hahn, E., and Mendelssohn, I.A. 2001. The importance of competition in regulating plant species abundance along a salinity gradient. Ecology (USA), 82: 62-69. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Lane, R. R. | The effects of riverine discharge on temperature, salinity, suspended sediment and chlorophyll a in a Mississippi delta estuary measured using a flow-through system | Lane, R. R., Day, J. W. Jr., Marx, B. D., Reyes, E., Hyfield, E., Day, J. N. (2007). The effects of riverine discharge on temperature, salinity, suspended sediment and chlorophyll a in a Mississippi delta estuary measured using a flow-through system. Estuarine, Coastal and Shelf Science. 74:1 and 74:2. p 145-154. |
| Livingston RJ | Modeling oyster population response to variation in freshwater input | Livingston RJ, Lewis FG, Woodsum GC, Niu XF et al. (2000) Modeling oyster population response to variation in freshwater input. Estuar Coast Shelf Sci 50:655–672 |
| Llewellyn, D.W. | A decision-support system for prioritizing restoration sites on the Mississippi River alluvial plain. | Llewellyn, D.W., Shaffer, G.P., Craig, N.J., Creasman, L., Pashley, D., Swan, M., and Brown, C. 1996. A decision-support system for prioritizing restoration sites on the Mississippi River alluvial plain. Conserv. Biol. 10: 1446-1455. |
| Loosanoff VL | Behavior of oysters in water of low salinities | Loosanoff VL (1953) Behavior of oysters in water of low salinities. Proc Natl Shellfish Assoc 43:135–151 |
| Lopez, J.A. | Chronology and analysis of environmental impacts within the Ponchartrain basin of the Mississippi Delta Plain: 1718-2002. | Lopez, J.A. 2003. Chronology and analysis of environmental impacts within the Ponchartrain basin of the Mississippi Delta Plain: 1718-2002. Ph.D. Dissertation, Engineering and Applied Sciences Program, University of New Orleans, New Orleans, LA. USA. |
| Martin, S.B | Sagittaria biomass partitioning relative to salinity, hydrological regime, and substrate type: implications for plant distribution patterns in coastal Louisiana | Martin, S.B., Shaffer, G.P. 2005. Sagittaria biomass partitioning relative to salinity, hydrological regime, and substrate type: implications for plant distribution patterns in coastal Louisiana, USA. Journal of Coastal Research 21, 164-171. |
| McAnally, W. H | Freshwater diversion to reduce estuarine salinities | McAnally, W. H., and G. H. Nail. 1995. Freshwater diversion to reduce estuarine salinities. International Water Resources Engineering Conference - Proceedings, 1496-500San Antonio, TX, USA: ASCE, New York, NY, USA. |
| McCallum, Brian E | Areal extent of freshwater from an experimental release of Mississippi River Water into Lake Pontchartrain, Louisiana, May 1994 | McCallum, Brian E. 1995. Areal extent of freshwater from an experimental release of Mississippi River Water into Lake Pontchartrain, Louisiana, May 1994. Coastal Zone: Proceedings of the Symposium on Coastal and Ocean Management, 363-64Tampa, FL, USA: ASCE, New York, NY, USA. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| McFalls, T. | Effects of disturbance and fertility upon the vegetation of a Louisiana coastal marsh. | |
| McKee, K.L. | Response of a freshwater marsh plant community to increased salinity and increased water level. | McKee, K.L., Mendelssohn, I.A., 1989. Response of a freshwater marsh plant community to increased salinity and increased water level. Aquatic Botany 34, 301-316. |
| Melancon,E | Understanding how oyster metapopulations respond to salinity in the Barataria Estuary | Melancon,E., C Addision, R Duke. 2005. Understanding how oyster metapopulations respond to salinity in the Barataria Estuary. Poster. National Shellfisheries Association Meeting. |
| Mendelssohn I. A | Controls on soil cellulose decomposition along a salinity gradient in a Phragmites australis wetland in Denmark | Mendelssohn IA, Sorrell BK, Brix H, Schierup HH, Lorenzen B, Maltby E (1999) Controls on soil cellulose decomposition along a salinity gradient in a Phragmites australis wetland in Denmark. Aquat Bot 64:381–398. |
| Michener, W.K. | Climate change, hurricanes and tropical storm, and rising sea level in coastal wetlands | Michener, W.K., Blood, ER., Bildstein, K.L., Brinson, M.M., and Gardner, L..R. 1997. Climate change, hurricanes and tropical storm, and rising sea level in coastal wetlands. Ecol. Appl. 7: 770-801. |
| Middleton, B.A., (Editor) | Flood pulsing in wetlands: Restoring the natural hydrological balance. | Middleton, B.A. (Editor). 2002. Flood pulsing in wetlands: Restoring the natural hydrological balance. John Wiley, New York, N.Y., USA. |
| Mitsch, W.J. | Estimating primary productivity of forested wetland communities in different hydrologic landscapes. | Mitsch, W.J., Taylor, J.R., and Benson, K.B. 1991. Estimating primary productivity of forested wetland communities in different hydrologic landscapes. Landscape Ecol. 5: 75-92. |
| Montague, C. L. | A possible effect of salinity fluctuation on abundance of benthic vegetation and associated fauna in northeastern Florida Bay | Montague, C.L., and J.A. Ley. 1993. A possible effect of salinity fluctuation on abundance of benthic vegetation and associated fauna in northeastern Florida Bay. Estuaries 16:703-717. |
| O'Farrell, C | Osmotic tolerance and volume regulation in vitro cultures of the oyster pathogen Perkinsus marinus | O'Farrell, C., J.F. La Peyre, K.T. Paynter, and E.M. Burreson. 2000. Osmotic tolerance and volume regulation in vitro cultures of the oyster pathogen Perkinsus marinus. Journal of Shellfish Research 19:139-145. |
| Pezeshki, S. R | Response of Spartina patens to increasing levels of salinity in rapidly subsiding marshes of the Mississippi River deltaic plain | Pezeshki, S. R., R. D. DeLaune, and W. H. Patrick 1987. Response of Spartina patens to increasing levels of salinity in rapidly subsiding marshes of the Mississippi River deltaic plain.Estuarine, Coastal and Shelf Science, 24, 389-399 |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Pezeshki, S.R. | A comparative study of the response of Taxodium distichum and Nyssa aquatic seedlings to soil anaerobiosis and salinity. | Pezeshki, S.R. 1990. A comparative study of the response of Taxodium distichum and Nyssa aquatic seedlings to soil anaerobiosis and salinity. For. Ecol. Manage. 33/34: 531-541. |
| Pezeshki, S.R. | Response of the freshwater marsh species, Panicum Hemitomon Schult., to increased salinity. | Pezeshki, S.R., Delaune, R.D., and Patrick, W.H., Jr. 1987c. Response of the freshwater marsh species, Panicum Hemitomon Schult., to increased salinity. Freshwater Biol. 17: 195-200. |
| Pezeshki, S.R. | Effects of flooding and salinity on photosynthesis of sagittaria lancifolia. | Pezeshki, S.R., Delaune, R.D., and Patrick, W.H., Jr. 1987b. Effects of flooding and salinity on photosynthesis of sagittaria lancifolia. Mar. Ecol. Prog. Ser. 41: 87-91. |
| Pezeshki, S.R. | Response of bald cypress (Taxodium distichum L. var. distichum) to increases in flooding and salinity in Louisiana's Mississippi River Deltaic Plain. | Pezeshki, S.R., Delaune, R.D., and Patrick, W.H., Jr. 1987a. Response of bald cypress (Taxodium distichum L. var. distichum) to increases in flooding and salinity in Louisiana's Mississippi River Deltaic Plain. Wetlands, 7: 1-10. |
| Ragone C | Effect of salinity on infection progression and pathogenicity of Perkinsus marinus in the eastern oyster, Crassostrea virginica | Ragone C., L.M. ,and E.M. Burreson. 1993. Effect of salinity on infection progression and pathogenicity of Perkinsus marinus in the eastern oyster, Crassostrea virginica (Gmelin). Journal of Shellfish Research 12:1-7. |
| Rybczyk, J | The impact of Hurricane Andrew on tree mortality, litterfall and water quality in a Louisiana coastal swamp forest. | Rybczyk, J., X.W. Zhang, J. Day, I. Hesse, and S. Feagley. 1995. The impact of Hurricane Andrew on tree mortality, litterfall and water quality in a Louisiana coastal swamp forest. Journal of |
| Soniat, T.M | Changes in levels of infection of oysters by Perkinsus marinus, with special reference to the interaction of temperature and salinity upon parasitism. | Soniat, T.M. 1985. Changes in levels of infection of oysters by Perkinsus marinus, with special reference to the interaction of temperature and salinity upon parasitism. Northeast Gulf Science 7(2): 171-174. |
| Swenson, E.M | Past, Present, and Probable Future Salinity Variations in the Barataria Estuarine system. Baton Rouge, La | Swenson, E.M., and R.E. Turner. 1998. Past, Present, and Probable Future Salinity Variations in the Barataria Estuarine system. Baton Rouge, La: Coastal Ecology Institute, CCEER, Louisiana State University. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Swenson, E.M | Estuarine flushing times influenced by freshwater diversions | Swenson, E.M., J.E. Cable, B. Fry, D. Justic, A. Das, G. Snedden and C. Swarzenski. 2006. Estuarine flushing times influenced by freshwater diversions. In: V.P. Singh and Y.J. Xu, (eds.). Coastal Hydrology and Process, Water Resources Publications, LLC, Highland Ranch, CO, USA. pp403-412. |
| Taylor, K.L. | The effects of herbivory on neighbor interactions along a coastal marsh gradient. | Taylor, K.L., and Grace, J.B., and Marx, B.D. 1997. The effects of herbivory on neighbor interactions along a coastal marsh gradient. Am. J. Bot. 84: 708-715. |
| Thomson, D.A. | A potential interaction between sea-level rise and global warming: Implications for coastal stability on the Mississippi River Deltaic Plain. | Thomson, D.A., Shaffer, G.P., and McCorquodale, J.A. 2002. A potential interaction between sea-level rise and global warming: Implications for coastal stability on the Mississippi River Deltaic Plain. Global Planet. Change, 32: 49-59. |
| Turner, R.E | Will lowering estuarine salinity increase Gulf of Mexico oyster landings? | Turner, R.E. 2006. Will lowering estuarine salinity increase Gulf of Mexico oyster landings? Estuaries and Coasts 29:345-352. |
| Valiela, I. | Nutrient limitation in salt marsh vegetation. In Ecology of halophytes. | Valiela, I., and Teal, J.M. 1974. Nutrient limitation in salt marsh vegetation. In Ecology of halophytes. Edited by R.J. Reinhold and W.h. McQueen. Accademic Press, New York, NY, USA, pp. 547-563. |
| Walker, N. D | Tropical Storm and Hurricane Wind Effects on Water Level, Salinity, and Sediment Transport in the River-influenced Atchafalaya-Vermilion Bay System, Louisiana, USA | Walker, N. D. (2001) Tropical Storm and Hurricane Wind Effects on Water Level, Salinity, and Sediment Transport in the River-influenced Atchafalaya-Vermilion Bay System, Louisiana, USA. Estuaries. 24:4. p 498-508. |
| Watkins, L. | The effects of hydrology, nutrients, and salinity on ten common wetland plants in Louisiana: a mesocosm study. | Watkins, L. 2005. The effects of hydrology, nutrients, and salinity on ten common wetland plants in Louisiana: a mesocosm study. Masters Thesis, Southeastern Louisiana University. |
| Williams A. J. | A preliminary analysis of the correlation of food-web characteristics with hydrology and nutrient gradients in the southern Everglades | Williams AJ, Trexler JC (2006) A preliminary analysis of the correlation of food-web characteristics with hydrology and nutrient gradients in the southern Everglades. Hydrobiologia 569:493–504 |
| Zedler, J.B. | Temporal Variability of salt Marsh Vegetation: the role of low-salinity gaps and environmental stress. | Zedler, J.B., and Beare, P.A. 1986. Temporal Variability of salt Marsh Vegetation: the role of low-salinity gaps and environmental stress. In Estuarine Variability. Edited by D.A. Wolfe. San Diego: Academic Press. Pp. 295-306. |

# FISHERIES LITERATURE

| Author 1 | Title | Complete Reference |
|---|---|---|
| Andrews JD | Freshwater kill of oysters (Crassostrea virginica) in James River, Virginia | Andrews JD, Haven D, Quayle DB (1959) Freshwater kill of oysters (Crassostrea virginica) in James River, Virginia, 1958. Proc Natl Shellfish Assoc 49:29–49 |
| Bowman, P.E | Freshwater Introduction and Implications for Fisheries Production in Louisiana | Bowman, P.E., Perret, W.S. and J.E. Rousell, 1995. Freshwater Introduction and Implications for Fisheries Production in Louisiana, Louisiana Department of Wildlife and Fisheries, non-published manuscript. |
| Breithaupt, R.L | A study of the southern oyster drill (Thais heamastoma) distribution and density on the oyster seed grounds | Breithaupt, R.L., and R.J. Dugas. 1979. A study of the southern oyster drill (Thais heamastoma) distribution and density on the oyster seed grounds. Louisiana Wildlife and Fisheries Communications, Technical Bulletin 30. 20 pp. |
| Browder J. A. | A new approach to determining the quantitative relationship between fishery production and flow of fresh water to estuaries | Browder JA, Moore D (1981) A new approach to determining the quantitative relationship between fishery production and flow of fresh water to estuaries. In: Cross R, Williams D (eds) Nat Symp on Freshwater Inflow to Estuaries. US Department of the Interior, US Fish and Wildlife Service, Washington, DC, p 403–450 |
| Browder, J.A | Modeling future trends in wetland loss and brown shrimp production in Louisiana using thematic mapper imagery | Browder, J.A., L.N. May, A. Rosenthal, J.G. Gosselink, and R.H. Baumann, 1989. Modeling future trends in wetland loss and brown shrimp production in Louisiana using thematic mapper imagery. Remote Sensing of Environment. 28:45-59. |
| Butler, P. A. | Effect of floodwaters on oysters in Mississippi Sound in 1950 | Butler, P. A. (1952). Effect of floodwaters on oysters in Mississippi Sound in 1950. Res. Rep. No 31. Fish and Wildlife Service, pp 1-20. |
| Butler, P. A. | The 1950 opening of the Bonnet Carre Spilway: Its effect on oysters | Butler, P. A., and J. B. Engle (1950). The 1950 opening of the Bonnet Carre Spilway: Its effect on oysters. Spec. Scient. Rep't. No. 14, pp1-10. Fish and Wildlife Service. |
| Butler, P.A | An investigation of oyster producing areas in Louisiana and Mississippi damaged by flood waters of 1945 | Butler, P.A. 1949. An investigation of oyster producing areas in Louisiana and Mississippi damaged bflood waters of 1945. U.S. Dept. Interior, U.S. Fish and Wildlife Service, Fisheries Report No.8, 29pp. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Buzan, D. W. | Positive relationship between freshwater inflow and oyster abundance in Galveston Bay, Texas | Buzan, D., W. Lee, J. Culbertson, N. Kuhn, and L. Robinson. 2008. Positive relationship between freshwater inflow and oyster abundance in Galveston Bay, Texas. Estuaries and Coasts. |
| Caffery, R. H. | Reconciling Fisheries Management and Wetland Restoration in Coastal Louisiana. Converging Currents: Science, Culture, and Policy at the Coast | Caffery, R. H., Schexnayder, M. (2002). Reconciling Fisheries Management and Wetland Restoration in Coastal Louisiana. Converging Currents: Science, Culture, and Policy at the Coast. Proceedings of the 18th International Confrence of the Coastal Society, Galveston, TX. USA. pp 218-227. |
| Caffey, R. H | Fisheries implications of freshwater reintroductions | Caffey, R. H., M. Schexnayder, and Louisiana Sea Grant. Fisheries implications of freshwater reintroductions. |
| Chabreck, R.H | The effects of weirs on plants and wildlife in the coastal marshes of Louisiana | Chabreck, R.H., and J.A. Nyman. 1989. The effects of weirs on plants and wildlife in the coastal marshes of Louisiana. pages 142-150 in W.G. Duffy and D. Clark (eds.). Marsh management in coastal Louisiana: effects and issues--proceedings of a symposium. U.S. Fish and Wildlife Service and Louisiana Department of Natural Resources. U.S. Fish and Wildlife Service Biol. Rep. 89(22). 378 pp. |
| Chatry, M | Optimum salinity regime for oyster production on Louisiana's state seed grounds | Chatry, M., R.J. Dugas, and K.A. Easley. 1983. Optimum salinity regime for oyster production on Louisiana's state seed grounds. Contributions in Marine Science 26:81-94. |
| Chu FE | Perkinsus marinus infection and potential defense-related activities in eastern oysters, Crassostrea virginica: salinity effects. | Chu FE, La Peyre JF, Burreson CS (1993) Perkinsus marinus infection and potential defense-related activities in eastern oysters, Crassostrea virginica: salinity effects. J Invertebr Pathol 62:226–232 |
| Cosse, C. | Caernarvon Subcommittee on Marsh Enhancement and Fisheries Sampling Data | Cosse, C. (1999) Caernarvon Subcommittee on Marsh Enhancement and Fisheries Sampling Data, October 21, 1999, USACE, New Orleans, La. |
| Day, J. | A Tidal Rhythm in the Susceptibility of Fundulus Similis to Sodium Chloride and Endrin. | J. Day. 1968. A Tidal Rhythm in the Susceptibility of Fundulus Similis to Sodium Chloride and Endrin. Proceedings of the Louisiana Academy of Sciences 30:62-64. |
| Day, J., | Community structure and carbon budget of a salt marsh and shallow bay estuarine system in Louisiana | Day, J., W. Smith, W. Stowe, and P. Wagner. 1973. Community structure and carbon budget of a salt marsh and shallow bay estuarine system in Louisiana. Center for Wetland Resources, Louisiana State University. Baton Rouge. Publ. No. LSU-SG-72-04. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Day, J.W., Jr | The ecology of Barataria Basin, Louisiana: an estuarine profile | Day, J.W., Jr. and W. H. Conner, eds. 1987. The ecology of Barataria Basin, Louisiana: an estuarine profile. National Wetlands Research Center, U.S. Fish Wildl. Serv. Biological Report 85(7.13). 165 pp. |
| Fisher, W. S | Influence of altered freshwater flows on eastern oysters | Fisher, W. S., and J. T. Winstead. 2005. Influence of altered freshwater flows on eastern oysters. Journal of Shellfish Research 24, no. 2: 654. |
| Ford SE | Effects of salinity on survival of the MSX parasite Haplosporidium nelsoni (Haskin, Stauber, and Mackin) in oysters | Ford SE (1985) Effects of salinity on survival of the MSX parasite Haplosporidium nelsoni (Haskin, Stauber, and Mackin) in oysters. J Shellfish Res 5(2):85–90 |
| Gillanders B. M. | Impact of changes in flow of freshwater on estuarine and open coastal habitats and the associated organisms | Gillanders BM, Kingsford MJ (2002) Impact of changes in flow of freshwater on estuarine and open coastal habitats and the associated organisms. Oceanogr Mar Biol Annu Rev 40:233–309 |
| Guillory, V | Relationship of Blue Crab Commercial Landings and Recruitment to River Discharge and Salinity | Guillory, V., 1999. Relationship of Blue Crab Commercial Landings and Recruitment to River Discharge and Salinity, Proceedings of the Annual Conference of the Southeastern Association of Fish and Wildlife Agencies 53:1-7. |
| Gunter, G. | The relationship of the Bonnet Carre Spilway to oyster beds in Mississippi Sound and the “Louisiana Marsh” with a report on the 1950 opening and a study of beds in the vicinity of the Bohemia Spilway and Baptiste Collette Gap | Gunter, G. (1950). The relationship of the Bonnet Carre Spilway to oyster beds in Mississippi Sound and the “Louisiana Marsh” with a report on the 1950 opening and a study of beds in the vicinity of the Bohemia Spilway and Baptiste Collette Gap. Mim. Rept., pp1-60. New Orleans District, Corps of Engineers, U. S. Army. |
| Haskin HH | Haplosporidium nelsoni (MSX) on Delaware Bay seed oyster beds: a host-parasite relationship along a salinity gradient | Haskin HH, Ford SE (1982) Haplosporidium nelsoni (MSX) on Delaware Bay seed oyster beds: a host-parasite relationship along a salinity gradient. J Invertebr Pathol 40(3): 388–405 |
| La Peyre, M. K | Environmental Significance of Freshets in Reducing Perkinsus marinus Infection in Eastern Oysters Crassostrea virginica: Potential Management Applications. | La Peyre, M. K., Nickens, A. D., Volety, A. K., Tolley, G. S., La Petre, J. F. (2003). Environmental Significance of Freshets in Reducing Perkinsus marinus Infection in Eastern Oysters Crassostrea virginica: Potential Management Applications. Mar. Ecol. Prog. Ser. Vol. 248. pp 165–176. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Livingston RJ | Modeling oyster population response to variation in freshwater input | Livingston RJ, Lewis FG, Woodsum GC, Niu XF et al. (2000) Modeling oyster population response to variation in freshwater input. Estuar Coast Shelf Sci 50:655–672 |
| Loneragan N. R. | River flows and estuarine ecosystems: implications for coastal fisheries from a review and a case study of the Logan River, southeast Queensland | Loneragan NR, Bunn SE (1999) River flows and estuarine ecosystems: implications for coastal fisheries from a review and a case study of the Logan River, southeast Queensland. Aust J Ecol 24:431–440 |
| Loosanoff VL | Behavior of oysters in water of low salinities | Loosanoff VL (1953) Behavior of oysters in water of low salinities. Proc Natl Shellfish Assoc 43:135–151 |
| May, E.B | The effect of floodwater on oysters in Mobile Bay | May, E.B. 1972. The effect of floodwater on oysters in Mobile Bay. Proceedings of the National Shellfisheries Association 62:67-71. |
| Melancon, E. J | Environmental issues facing Louisiana's oyster industry in the 1990s | Melancon, E. J., T. M. Soniat, and R. J. Dugas. 1997. Environmental issues facing Louisiana's oyster industry in the 1990s. Journal of Shellfish Research 16, no. 1: 315-16 |
| Melancon,E | Understanding how oyster metapopulations respond to salinity in the Barataria Estuary | Melancon,E., C Addision, R Duke. 2005. Understanding how oyster metapopulations respond to salinity in the Barataria Estuary. Poster. National Shellfisheries Association Meeting. |
| Mendelssohn, I. A. | Abiotic constraints for wetland plants and animals | Mendelssohn, I. A. and D. Batzer. 2006. Abiotic constraints for wetland plants and animals, pp.82-114. In: Ecology of Freshwater and Estuarine Wetlands (D. P. Batzer and R. R. Sharitz, eds.), University of California Press, Berkley, CA. |
| Montagna P. A. | The effect of freshwater inflow on meiofaunal and macrofaunal populations in the Guadalupe and Nueces estuaries, Texas | Montagna PA, Kalke RD (1992) The effect of freshwater inflow on meiofaunal and macrofaunal populations in the Guadalupe and Nueces estuaries, Texas. Estuaries 15: 307–326 |
| Montagna, P.A | Effect of restored freshwater inflow on macrofauna and meiofauna in upper Rincon Bayou, Texas | Montagna, P.A., R.D. Kalke, and C. Ritter. 2002. Effect of restored freshwater inflow on macrofauna and meiofauna in upper Rincon Bayou, Texas. Estuaries 25:1436-1447. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| O'Farrell, C | Osmotic tolerance and volume regulation in vitro cultures of the oyster pathogen Perkinsus marinus | O'Farrell, C., J.F. La Peyre, K.T. Paynter, and E.M. Burreson. 2000. Osmotic tolerance and volume regulation in vitro cultures of the oyster pathogen Perkinsus marinus. Journal of Shellfish Research 19:139-145. |
| Peebles EB | Fish nursery use of the Little Manatee River estuary (Florida): relationships with freshwater discharge | Peebles EB, Flannery MS (1992) Fish nursery use of the Little Manatee River estuary (Florida): relationships with freshwater discharge. Final Report for Southwest Florida Water Management District, Tampa Bay Estuary Program, St. Petersburg, FL |
| Ragone C | Effect of salinity on infection progression and pathogenicity of Perkinsus marinus in the eastern oyster, Crassostrea virginica | Ragone C., L.M. ,and E.M. Burreson. 1993. Effect of salinity on infection progression and pathogenicity of Perkinsus marinus in the eastern oyster, Crassostrea virginica (Gmelin). Journal of Shellfish Research 12:1-7. |
| Roberts, N | Carenarvon.s Impact on Fisheries: A Sportsman.s Perspective<br>patens marsh: response to nutrient input and lowering of<br>salinity. | Roberts, N. (1998) Carenarvon.s Impact on Fisheries: A Sportsman.s Perspective, pp. 47-50 in .Freshwater Diversion: A Public Forum., J. Horst, moderator, Louisiana Sea Grant Marine Advisory Service, Louisiana Cooperative Extension Service, October 1998. |
| Ruetz C. R III | Population dynamics of wetland fishes: spatio-temporal<br>patterns synchronized by hydrological disturbance | Ruetz CR III, Trexler JC, Jordan F, Loftus WF, Perry SA (2005)<br>Population dynamics of wetland fishes: spatio-temporal patterns synchronized<br>by hydrological disturbance?<br>J Anim Ecol 74:322–332 |
| Soniat, T.M | Changes in levels of infection of oysters by Perkinsus marinus, with special reference to the interaction of temperature and salinity upon parasitism. | Soniat, T.M. 1985. Changes in levels of infection of oysters by Perkinsus marinus, with special reference to the interaction of temperature and salinity upon parasitism. Northeast Gulf Science 7(2): 171-174. |
| Stewart | Modeling oyster growth rate by coupling oyster population and hydrodynamic models for Apalachicola Bay, Florida, USA. | Stewart, and X. Liu. 2008 Modeling oyster growth rate by coupling oyster population and hydrodynamic models for Apalachicola Bay, Florida, USA. Ecological Modeling 211:77-89. |
| Thomas, R. G. | Fish habitat and coastal restoration in Louisiana | Thomas, R. G. 1999. Fish habitat and coastal restoration in Louisiana. Pages 240-251 in L. R. Benaka, editor. Fish habitat: essential fish habitat and rehabilitation. American Fisheries Society, Symposium 22, Bethesda, Maryland. |
| Turner, R. E. | Managing wetlands in coastal Louisiana for plants, waterfowl, fish and other animals | Turner, R. E. 1990.Managing wetlands in coastal Louisiana for plants, waterfowl, fish and other animals.Bull. Ecology t. 21 (3): 21-24 |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Turner, R.E | Will lowering estuarine salinity increase Gulf of Mexico oyster landings? | Turner, R.E. 2006. Will lowering estuarine salinity increase Gulf of Mexico oyster landings? Estuaries and Coasts 29:345-352. |
| USACE | Caernarvon Subcommitte on Marsh Enhancement and Fisheries Monitoring | Thomas, R. G 1999(b). Caernarvon Subcommitte on Marsh Enhancement and Fisheries Monitoring, US Army Corps of Engineers, District Assembly Room, October 21, 1999. |
| USGS | Davis Pond Freshwater Prediversion Biomonitoring Study: Freshwater Fisheries and Eagles | USGS. (2008). Davis Pond Freshwater Prediversion Biomonitoring Study: Freshwater Fisheries and Eagles. Unites States Geological Survey. Reston, Virginia. pp 102. |
| Villarubia, C. | Caernarvon Subcommitte on Marsh Enhancement and Fisheries Monitoring | Villarubia, C. (1999). Caernarvon Subcommitte on Marsh Enhancement and Fisheries Monitoring, US Army Corps of Engineers, District Assembly Room, October 21, 1999. |
| Viosca, P., Jr | Flood Control in the Mississippi Valley in it's Relation to Louisiana Fisheries | Viosca, P., Jr. (1928) Flood Control in the Mississippi Valley in it's Relation to Louisiana Fisheries , 1927, Convention of the American Fisheries Society, Tehnical Paper No. 4, Department of Conservation, New Orleans Court Building. |
| Vlosca, P. Jr. | Flood control in the Mississippi Valley in its relation to Louisiana fisheries | Vlosca, P. Jr. (1928). Flood control in the Mississippi Valley in its relation to Louisiana fisheries. La. Dept. Conserv. Tech. Paper, 4:1-16. |
| Volety AK | Effects of season and water quality on oysters (Crassostrea virginica) and associated fish assemblages. | Volety AK, Tolley SG, Winstead JT (2001) Effects of season and water quality on oysters (Crassostrea virginica) and associated fish assemblages. 16th Biennial Conference of the Estuarine Research Federation, Book of Abstracts. University of South Florida, Tampa, FL, p 145 |

# ALL LITERATURE

# River Diversion References Query

Wednesday, March 24, 2010 12:14:58 PM

| Author 1 | Title | Complete Reference |
|---|---|---|
| Abbot, M.B | Computational Hydraulics; Elements of the theory of free surface flow | Abbot, M.B. (1979): Computational Hydraulics; Elements of the theory of free surface flows. London, Pitman, 326 pp. |
| Abbott, M.B | Numerical modeling of free-surface flows that are two-dimensional in plan. | Abbott, M.B., McCowan, A. and Warren, I.R. (1981): Numerical modeling of free-surface flows that are two-dimensional in plan. In: Transport Models for Inland and Coastal Waters, Proc. Symp. Predictive ability, Berkeley, CA 1980, Ed. By H.B> Fishcher, London Academic Press, pp. 222-283. |
| Abbott, M.B. | Computational Hydraulics. | Abbott, M.B. (1985): Computational Hydraulics. Pitman Publishing Limited, London, 326 pp. |
| Adams, C. E | A model of the effects of sedimentation rate on the stability of Mississippi Delta sediments | Adams, C. E., and H.H. Roberts. 1993. A model of the effects of sedimentation rate on the stability of Mississippi Delta sediments. Geo-Marine Letters 13, no. 1: 17-23. |
| Akers, C. R | Sedimentation of a Flatland Watershed in Louisiana | Akers, C. R. 1976. Sedimentation of a Flatland Watershed in Louisiana. Proceedings of the Third Federal Inter-Agency Sedimentation Conference. |
| Alawady, M | Effect of Diverting Mississippi River Water to Texas on Sedimentation in the River | Alawady, M. 1974. Effect of Diverting Mississippi River Water to Texas on Sedimentation in the River, Completion Report A-029-LA. Louisiana Water Resources Research Institute, Baton Rouge, |
| Alber M. | A conceptual model of estuarine freshwater inflow management | Alber M (2002) A conceptual model of estuarine freshwater inflow management. Estuaries 25:1246–1261 |
| Alexander, Heather | Treated Wastewater Effluent as an Alternative Freshwater Source in a Hypersaline Salt Marsh: Impacts on Salinity, Inorganic Nitrogen, and Emergent Vegetation | |
| Allen, J.R.L. | Current Ripples | Allen, J.R.L. (1968): Current Ripples. North-Holland, Amsterdam. |
| Allen, JRL | Sedimentary Structures: Their character and physical basis. | Allen, JRL (1982): Sedimentary Structures: Their character and physical basis. Elevier, Amsterdam. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Allison, M. A | The Supply Side of Mississippi River Delta Restoration: Can the River Provide the Sediment We Need? | Allison, M. A., J.A. Nittrouer, and J.J. Galler. 2005. The Supply Side of Mississippi River Delta Restoration: Can the River Provide the Sediment We Need? American Geophysical Union, 2005 Fall Meeting. |
| Allison, M. A. | Assessing Quantity and Quality of Sand Available in the Lower Mississippi River Channel for Coastal Marsh and Barrier Island Restoration in Louisiana | Allison, M. A., Nittrouer, J. A. (2004). Assessing Quantity and Quality of Sand Available in the Lower Mississippi River Channel for Coastal Marsh and Barrier Island Restoration in Louisiana. Governor's Applied Coastal Research and Development Program. Baton Rouge, Louisiana. |
| Allison, M. A. | Carbon burial on river-dominated continental shelves: Impact of historical changes in sediment loading adjacent to the Mississippi River | Allison, M. A., Bianchi, T. S., McKee, B. A., Sampere, T. P. (2007). Carbon burial on river-dominated continental shelves: Impact of historical changes in sediment loading adjacent to the Mississippi River. Geophysical Research Letters. 34. pp 6. |
| Allison, M.A | Importance of flood-plain sedimentation for river sediment budgets and terrigenous input to the oceans: Insights from the Brahmaputra-Jamuuna River | Allison, M.A., Kuehl, S.A., Martin, T.C., and Hassan, A., 1998, Importance of flood-plain sedimentation for river sediment budgets and terrigenous input to the oceans: Insights from the Brahmaputra-Jamuuna River: Geology, v. 26, p. 175–178. |
| Allison, M.A | Development and reworking of a seasonal flood deposit on the inner continental shelf off the Atchafalaya River | Allison, M.A., Kineke, G.C., Gordon, E.S., Goni, M.A., 2000. Development and reworking of a seasonal flood deposit on the inner continental shelf off the Atchafalaya River. Continental Shelf Research 20, 2267–2294. |
| Andrews JD | Freshwater kill of oysters (Crassostrea virginica) in James River, Virginia | Andrews JD, Haven D, Quayle DB (1959) Freshwater kill of oysters (Crassostrea virginica) in James River, Virginia, 1958. Proc Natl Shellfish Assoc 49:29–49 |
| Andrus, Mitch | Sediment Flux and Fate in the Mississippi River Diversion at West Bay: Observation Study | Andrus, M.T. 2007. Sediment Flux and Fate in the Mississippi River Diversion at West Bay: Observation Study. Master's Thesis, Department of Oceanography and Coastal Sciences, Louisiana State University, (http://etd.lsu.edu/docs/available/etd-11122007-184535/) |
| Anon | Monitoring Plan: Caernarvon Diversion Outfall Management Project | Anon. 2002. Monitoring Plan: Caernarvon Diversion Outfall Management Project. |
| Anon | Huge freshwater diversion project rescues Louisiana wetlands | Anon. 1992. Huge freshwater diversion project rescues Louisiana wetlands. Public Works 123, no. 3: 44-45. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Antweiler, R.C | Nutrients in the Mississippi River | Antweiler, R.C., D.A. Goolsby, and H.E. Taylor. 1995. Nutrients in the Mississippi River. In Contaminants in the Mississippi River, 1987-1992, Meade, R.H. (ed.). U.S. Geological Survey Circular 1133, Reston, VA. |
| Bagnold, RA, | The flow of cohesionless grains in fluids. | Bagnold, RA, (1956): The flow of cohesionless grains in fluids. Phil Trans Roy Soc Lond, NO 964, Vol 249, pp 235-297. |
| Bahr, L. | The Construction of a Conceptual Model of the Chenier Plain Coastal Ecosystem in Texas and Louisiana | L. Bahr, J. Day, T. Gayle, J. Gosselink, C. Hopkinson, D. Stellar and J. Harris. 1977(?). The Construction of a Conceptual Model of the Chenier Plain Coastal Ecosystem in Texas and Louisiana. ??:75-92. |
| Bakker, W. T. | Sand concentration in an oscillatory flow. | Bakker, W. T. (1974): Sand concentration in an oscillatory flow. Proc. Coastal Eng. Conf., pp. 1129-1148. |
| Baldwin DS | The effects of drying and re-flooding on the sediment and soil nutrient dynamics of lowland river-floodplain systems: a synthesis | Baldwin DS, Mitchell AM. 2000. The effects of drying and re-flooding on the sediment and soil nutrient dynamics of lowland river-floodplain systems: a synthesis. Regulated Rivers: Research & Management 16: 457–467. |
| Baldwin, A.H | Effects of salinity and water level on coastal marshes: an experimental test of disturbance as a catalyst for vegetation change. | Baldwin, A.H., and Mendelssohn, I.A. 1988b. Effects of salinity and water level on coastal marshes: an experimental test of disturbance as a catalyst for vegetation change. Aquat. Bot. 61: 255-268. |
| Baldwin, A.H., | The influence of vegetation, salinity, and inundation on seed banks of oligohaline coastal marshes. | Baldwin, A.H., McKee, K.L., and Mendelssohn, I.A. 1996. The influence of vegetation, salinity, and inundation on seed banks of oligohaline coastal marshes. Am. J. Bot. 83: 470-479. |
| Barbe, D. E | Effects on Dredging Due to Diversions From the Lower Mississippi River | Barbe, D. E., K. Fagot, and J. A. Mccorquodale. 2000. Effects on Dredging Due to Diversions From the Lower Mississippi River. Journal of Waterway Port Coastal and Ocean Engineering-ASCE 126, no. 3: 121-29. |
| Barletta M | The role of salinity in structuring the fish assemblages in a tropical estuary. | Barletta M, Barletta-Bergen A, Saint-Paul U, Hubold G (2005) The role of salinity in structuring the fish assemblages in a tropical estuary. J Fish Biol 66:45–72 |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Barras JA | Historical and projected coastal Louisiana land changes 1978:2050. | Barras JA, Beville S, Britsch D, Hartley S et al (2003) Historical and projected coastal Louisiana land changes: 1978–2050. United States Geological Survey Report No. 03-334. |
| Barras, J.A. | Land loss in coastal Louisiana. | Barras, J.A., Bourgeouis, P.E., and Handley, L.R. 1994. Land loss in coastal Louisiana. 1956-1990, Open File Report 94-01. National Biological Survey, National Wetlands Research Center. |
| Barrett-Lennard, E. G. | The interaction between waterlogging and salinity in higher plants: causes, consequences, and implications | Barrett-Lennard, E. G. 2003. The interaction between waterlogging and salinity in higher plants: causes, consequences, and implications. Plant and Soil 253:35–54. |
| Basset, A B, | On the motion of a sphere in viscous fluid. | Basset, A B, (1888): On the motion of a sphere in viscous fluid. Phil Trans Roy Soc Lond,Ser A, Vol 179, pp 43-63. |
| Battjes, J.A | Energy loss and set-up due to breaking in random waves. | Battjes, J.A. and Janssen, J.P.F.M. (1978): Energy loss and set-up due to breaking in random waves. Proc. 16th Coastal Eng. Conf., Hamburg, pp. 569-87. |
| Baumann, R | Mississippi Deltaic Wetland Survival: Sedimentation versus Coastal Submergence | Baumann, R., J.W. Day, and C. Miller. 1984. Mississippi Deltaic Wetland Survival: Sedimentation versus Coastal Submergence. Science 224: 1093-95. |
| Baumann, R.H | Physical variables. In: Conner, W.H., Day Jr., J.W. (Eds.), The Ecology of Barataria Basin, Louisiana: An Estuarine Profile | Baumann, R.H., 1987. Physical variables. In: Conner, W.H., Day Jr., J.W. (Eds.), The Ecology of Barataria Basin, Louisiana: An Estuarine Profile. US Fish and Wildlife Services, Biological Report vol. 85 (7.13) pp. 8–17. |
| Bayley, S. E. | Experimental manipulation of nutrients and water in a freshwater marsh: Effects on biomass, decomposition and nutrient accumulation | Bayley, S. E., Zoltek, J., Jr., Hermann, A. J., Tortora, L. 1985. Experimental manipulation of nutrients and water in a freshwater marsh: Effects on biomass, decomposition and nutrient accumulation. Limnol. Ocean. 30, 500-512. |
| Bazley, D.R. | Changes in the composition and standing crop of salt-marsh communities in response to the removal of a grazer. | Bazley, D.R., and Jefferies, R.L. 1986. Changes in the composition and standing crop of salt-marsh communities in response to the removal of a grazer. J. Ecol. 74: 693-706. |
| Belhadjali, K | Ecological Review: Freshwater Introduction South of Highway 82 | Belhadjali, K., and A. Brass. 2004. Ecological Review: Freshwater Introduction South of Highway 82, Louisiana Department of Natural Resources. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Bentley Sr., S.J | Dispersal of Fine Sediments from River to Shelf: Process and Product | Bentley Sr., S.J., 2002. Dispersal of Fine Sediments from River to Shelf: Process and Product. Gulf Coast Association of Geological Societies Transactions, Vol. 52. |
| Bentley, S.J | Transport and accumulation of cohesive fluvial sediments on the inner shelf: From the Atchafalaya River downdrift to the Louisiana Chenier Plain | Bentley, S.J., K. Rotondo, H.H. Roberts, G.W. Stone, and O.K. Huh. 2003. Transport and accumulation of cohesive fluvial sediments on the inner shelf: From the Atchafalaya River downdrift to the Louisiana Chenier Plain. Proceedings of the International Conference on Coastal Sediments 2003. World Scientific Publishing Corporation and East Meets West Productions, Corpus Christi, TX. |
| Bernard, S.K. | M'sieu Ned's Rat? Reconsidering the origin of nutria in Louisiana: | Bernard, S.K. 2002. M'sieu Ned's Rat? Reconsidering the origin of nutria in Louisiana: The E.A. Mcllhenny Collection, Avery Island, LA, USA, La. Hist. 43: 281-293. |
| Bianchi, T. S | Sources of terrestrially derived carbon in the Lower Mississippi River and Louisiana shelf: Implications for differential sedimentation and transport at the coastal margin | Bianchi, T. S., S. Mitra, and B. A. McKee (2002), Sources of terrestrially derived carbon in the Lower Mississippi River and Louisiana shelf: Implications for differential sedimentation and transport at the coastal margin, Mar. Chem., 77, 211 –223. |
| Bianchi, T.S | Hydrodynamic sorting and transport of terrestrially derived organic carbon in sediments of the Mississippi and Atchafalaya Rivers | Bianchi, T.S., Galler, J.J., and Allison, M.A., 2007, Hydrodynamic sorting and transport of terrestrially derived organic carbon in sediments of the Mississippi and Atchafalaya Rivers: Estuarine, coastal and shelf science, v. 73, p. 211–222 |
| Biedenharn D.S | Recent morphological evolution of the Lower Mississippi River | Biedenharn D.S., Thorne C.R., Watson C.C. (2000). Recent morphological evolution of the Lower Mississippi River. Geomorphology. 34:3 p227-249 |
| Biedenharn, D. S | Frequency analysis of sediment transport in the lower Mississippi River. Regulated Rivers: Research & Management | Biedenharn, D. S., and C. R. Thorne. 1994. Magnitude-frequency analysis of sediment transport in the lower Mississippi River. Regulated Rivers: Research & Management 9, no. 4: 237-51. |
| Bierman V | Performance Report for the Caloosahatchee Estuary salinity modeling | Bierman V (1993) Performance Report for the Caloosahatchee Estuary salinity modeling. South Florida Water Management District (SFWMD) expert assistance contract, Limno-Tech, Ann Arbor, MI |
| Bijker, EW ( | Some consideration about scales for coastal models with movable beds. | Bijker, EW (1967): Some consideration about scales for coastal models with movable beds. Delft Hydraulics Lab Pub NO 50. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Biringen, S. | Large eddy simulation of shear-free turbulent boundry layer. | Biringen, S. and Reynolds, W. C. (1981): Large eddy simulation of shear-free turbulent boundry layer. J Fluid Mech., 103:53-63. |
| Black, B. K | The effectiveness of artificial crevassing in the Mississippi Delta in restoring intertidal elevations | Black, B. K. 1998. The effectiveness of artificial crevassing in the Mississippi Delta in restoring intertidal elevations. MS thesis, University of Southwestern Louisiana, |
| Blahnik, T | The effects of varied hydraulic and nutrient loading rates on water quality and hydrologic distributions in a natural forested wetland | Blahnik, T., Day, J. W. 2000. The effects of varied hydraulic and nutrient loading rates on water quality and hydrologic distributions in a natural forested wetland. Wetlands 20, 48-61. |
| Blum, Michael D | Drowning of the Mississippi Delta due to insufficient sediment supply and global sea-level rise | Blum, Michael D., and Harry H. Roberts.2009. Drowning of the Mississippi Delta due to insufficient sediment supply and global sea-level rise. Macmillan Publishers Limited. Nature Geoscience. 2, 488-491 |
| Boczar-Karakiewicz, B. | Mathematical Modeling of Sand Bars in Coastal Environments. | Boczar-Karakiewicz, B.., Bona, J.L. and Chapalain, G. (1989): Mathematical Modeling of Sand Bars in Coastal Environments. Proc. Int. Symp., Sediment Transport Modeling, ASCE, New Orleans, |
| Boesch D. F. | Scientific assessment of coastal wetland loss, restoration and management in Louisiana | Boesch DF, Josselyn MN, Ashish JM, Morris JT, Nuttle WK, Simenstad CA et al (1994) Scientific assessment of coastal wetland loss, restoration and management in Louisiana. J Coast Res Special Issue 20:103 |
| Boesch, D.F. | A New Framework for Planning the Future of Coastal Louisiana after the Hurricanes of 2005. | Boesch, D.F., Shabman L., Antle, G.L., Day, J.W., Jr., Dean, R.G.,Galloway, G.E., Ggroat, C.G., Laska, S.B., Luettih, R.A., Jr.,Mitsch, W.J., Rabalais, N.N., Reed, D.J., Simenstad, C.A., Streever, B.J., Taylor, B. R., Twiley, R.R., Watson, C.C., Wells, J.T., and Whigham, D.F. 2006. A New Framework for Planning the Future of Coastal Louisiana after the Hurricanes of 2005. Working Group for Post-Hurricane Planning for the Louisiana Coast, University of Maryland Center for Environmental Science, Cambridge, Maryland. |
| Bonnet Carre Reanalysis Technical Team | Assessment of Potential Water and Sediment Quality Impacts Resulting From the Bonnet Carre Freshwater Diversion Reanalysis Alternative | Bonnet Carre Reanalysis Technical Team. 1995. Assessment of Potential Water and Sediment Quality Impacts Resulting From the Bonnet Carre Freshwater Diversion Reanalysis Alternative. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Boumans, R. | The effect of intertidal sediment fences on wetland surface elevation, wave energy and vegetation establishment in two Louisiana coastal marshes | Boumans, R., Day, J. W., Kemp, G. P., and Kilgen, K. 1997. The effect of intertidal sediment fences on wetland surface elevation, wave energy and vegetation establishment in two Louisiana coastal marshes. Ecological Engineering 9, 37-50. |
| Boumans, R. | High precision measurements of sediment elevation in shallow coastal areas using a sedimentation-erosion table. | Boumans, R. and J. Day. 1993. High precision measurements of sediment elevation in shallow coastal areas using a sedimentation-erosion table. Estuaries. 16:375-380. |
| Boumans, R. M | Effects of two Louisiana marsh management plans on water and material flux and short term sedimentation | Boumans, R. M. and J. W. Day. 1994. Effects of two Louisiana marsh management plans on water and material flux and short term sedimentation. Wetlands 14:247–261. |
| Bowen, J.L | Nitrogen loads to estuaries: using loading models to assess the effectiveness of management options to restore estuarine water quality. | Bowen, J.L., Valiela, I., 2004. Nitrogen loads to estuaries: using loading models to assess the effectiveness of management options to restore estuarine water quality. Estuaries 27, 482–500. |
| Bowman, P.E | Freshwater Introduction and Implications for Fisheries Production in Louisiana | Bowman, P.E., Perret, W.S. and J.E. Rousell, 1995. Freshwater Introduction and Implications for Fisheries Production in Louisiana, Louisiana Department of Wildlife and Fisheries, non-published manuscript. |
| Boyd, R | A geomorphic model for Mississippi River Delta Evolution | Boyd, R., and Penland, S. 1988. A geomorphic model for Mississippi River Delta Evolution. Transactions. Gulf Coast Assoc. Geol. Soc. Trans. 38: 443-452. |
| Boynton, W.R | Influence of river flow and nutrient loading on selected ecosystem processes and properties in Chesapeake Bay | Boynton, W.R., Kemp, W.M., 2000. Influence of river flow and nutrient loading on selected ecosystem processes and properties in Chesapeake Bay. In: Hobbie, J. (Ed.), Estuarine Science: A Synthetic Approach to Research and Practice. Island Press, Washington, DC, pp. 269–298. |
| Brammer, Amanda | Effects of the 1997 Bonnet Carré Spillway Opening on Infaunal Macroinvertebrates in Lake Pontchartrain, Louisiana | |
| Brantley, C. G. | Nutrient Interactions, Plant Productivity, Soil Accretion, and Policy Implications of Wetland Enhancements in Coastal Louisiana | Brantley, C. G. (2005). Nutrient Interactions, Plant Productivity, Soil Accretion, and Policy Implications of Wetland Enhancements in Coastal Louisiana. Master's Thesis, Southeastern Louisiana University, Hammond, Louisiana. USA. |
| Brantley, C.G. | Experimental evaluation of nutria herbivory on bald cypress. | Brantley, C.G., and Platt, S.G. 1992. Experimental evaluation of nutria herbivory on bald cypress. Proc. La. Acad. Sci. 55: 21-25. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Brantleya, C. G. | Primary production, nutrient dynamics, and accretion of a coastal freshwater forested wetland assimilation system in Louisiana | Brantleya, C. G., Day, J. W. Jr., Lanea, R. R., Hayfielde, E., Daya, J. N., Koa, Jae-Young. (2008). Primary production, nutrient dynamics, and accretion of a coastal freshwater forested wetland assimilation system in Louisiana. Department of Oceanography and Coastal Sciences, School of the Coast and Environment, Louisiana State University, Baton Rouge. |
| Bratkovich, A | Variability and prediction of freshwater and nitrate fluxes for the Louisiana-Texas shelf: Mississippi and Atchafalaya River source functions | Bratkovich, A., S.P. Dinnel, and D.A. Goolsby. 1994. Variability and prediction of freshwater and nitrate fluxes for the Louisiana-Texas shelf: Mississippi and Atchafalaya River source functions. Estuaries 17(4):766-778. |
| Breaux, A | Using natural coastal systems for wastewater treatment: An economic benefit analysis | Breaux, A., S. Farber, and J. Day. 1995. Using natural coastal systems for wastewater treatment: An economic benefit analysis. Journal of Environmental Management, 44: 285-291. |
| Breithaupt, R.L | A study of the southern oyster drill (Thais heamastoma) distribution and density on the oyster seed grounds | Breithaupt, R.L., and R.J. Dugas. 1979. A study of the southern oyster drill (Thais heamastoma) distribution and density on the oyster seed grounds. Louisiana Wildlife and Fisheries Communications, Technical Bulletin 30. 20 pp. |
| Brewer, J.S. | Plant community structure in an oligohaline tidal marsh. | Brewer, J.S., and Grace, J.B. 1990. Plant community structure in an oligohaline tidal marsh. Vegetation, 90: 93-107. |
| Brix, H. | Growth and nutrient responses of Eloecharis cellulose (Cyperaceae) to phosphate level and redox intensity | H. Brix, and S. L. Miao. 2005. Growth and nutrient responses of Eloecharis cellulose (Cyperaceae) to phosphate level and redox intensity. American Journal of Botany 92:1457-1466. |
| Broker, Ida H. | Wave generated ripples and resulting sediment transport in waves | Broker, Ida H. (1985): Wave generated ripples and resulting sediment transport in waves. Series paper No. 36, Inst. Of Hydrodynamics and Hydraulic Engineering, ISVA, Techn. Univ. of Denmark. |
| Browder J. A. | A new approach to determining the quantitative relationship between fishery production and flow of fresh water to estuaries | Browder JA, Moore D (1981) A new approach to determining the quantitative relationship between fishery production and flow of fresh water to estuaries. In: Cross R, Williams D (eds) Nat Symp on Freshwater Inflow to Estuaries. US Department of the Interior, US Fish and Wildlife Service, Washington, DC, p 403–450 |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Browder, J.A | Modeling future trends in wetland loss and brown shrimp production in Louisiana using thematic mapper imagery | Browder, J.A., L.N. May, A. Rosenthal, J.G. Gosselink, and R.H. Baumann, 1989. Modeling future trends in wetland loss and brown shrimp production in Louisiana using thematic mapper imagery. Remote Sensing of Environment. 28:45-59. |
| Bruun, P | Sea level rise as a cause of shore erosion. | |
| Bruun, P. | Review of conditions for uses of the Bruun rule of erosion. | Bruun, P. (1983): Review of conditions for uses of the Bruun rule of erosion. Coastal Engineering, 7:77-89. |
| Busch, J | A rhizotron to study root growth under flooded conditions | Busch, J., I. A. Mendelssohn, B. Lorenzen, H. Brix, and S. Miao. 2006. A rhizotron to study root growth under flooded conditions. Flora 201:429-439. |
| Butler, P. A. | Effect of floodwaters on oysters in Mississippi Sound in 1950 | Butler, P. A. (1952). Effect of floodwaters on oysters in Mississippi Sound in 1950. Res. Rep. No 31. Fish and Wildlife Service, pp 1-20. |
| Butler, P. A. | The 1950 opening of the Bonnet Carre Spilway: Its effect on oysters | Butler, P. A., and J. B. Engle (1950). The 1950 opening of the Bonnet Carre Spilway: Its effect on oysters. Spec. Scient. Rep't. No. 14, pp1-10. Fish and Wildlife Service. |
| Butler, P.A | An investigation of oyster producing areas in Louisiana and Mississippi damaged by flood waters of 1945 | Butler, P.A. 1949. An investigation of oyster producing areas in Louisiana and Mississippi damaged by flood waters of 1945. U.S. Dept. Interior, U.S. Fish and Wildlife Service, Fisheries Report No.8, 29pp. |
| Buzan, D. W. | Positive relationship between freshwater inflow and oyster abundance in Galveston Bay, Texas | Buzan, D., W. Lee, J. Culbertson, N. Kuhn, and L. Robinson. 2008. Positive relationship between freshwater inflow and oyster abundance in Galveston Bay, Texas. Estuaries and Coasts. |
| Cable, J. E | Surface Water Hydrology in Upper Breton Sound Basin, Louisiana: Effects of the Caernarvon Diversion | Cable, J. E., E.M. Swenson, G.A. Snedden, and C.M. Swarzzenski. 2007. Surface Water Hydrology in Upper Breton Sound Basin, Louisiana: Effects of the Caernarvon Diversion, Louisiana Department of Natural Resources, Baton Rouge, LA. |
| Caffery, J | Variability of nutrient and suspended sediments in Fourleague Bay, Louisiana, and the role of physical factors | Caffrey, J. and J. Day. 1986. Variability of nutrient and suspended sediments in Fourleague Bay, Louisiana, and the role of physical factors. Estuaries. 9:295-300. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Caffery, R. H | Fisheries Implications of freshwater reintroduction, Interpretive topic series on coastal wetland restoration in Louisiana, Coastal wetland planning, protection, and restoration Act | Caffery, R. H. and M. Schexnayder. 2002. Fisheries Implications of freshwater reintroduction, Interpretive topic series on coastal wetland restoration in Louisiana, Coastal wetland planning, protection, and restoration Act (eds.) National Sea Grant Library No. LSU – G- )2-003, 8p. |
| Caffery, R. H. | Reconciling Fisheries Management and Wetland Restoration in Coastal Louisiana. Converging Currents: Science, Culture, and Policy at the Coast | Caffery, R. H., Schexnayder, M. (2002). Reconciling Fisheries Management and Wetland Restoration in Coastal Louisiana. Converging Currents: Science, Culture, and Policy at the Coast. Proceedings of the 18th International Confrence of the Coastal Society, Galveston, TX. USA. pp 218-227. |
| Caffey, R. H | Fisheries implications of freshwater reintroductions | Caffey, R. H., M. Schexnayder, and Louisiana Sea Grant. Fisheries implications of freshwater reintroductions. |
| Caffey, R. H | Mississippi River water quality: implications for coastal restoration | Caffey, R. H., P. Coreil, and Louisiana Sea Grant. Mississippi River water quality: implications for coastal restoration. |
| Caffrey JM | Influence of the submersed plant, Potamogeton perfoliatus, on nitrogen cycling in estuarine sediments | Caffrey JM, Kemp WM. 1992. Influence of the submersed plant, Potamogeton perfoliatus, on nitrogen cycling in estuarine sediments. Limnology and Oceanography 37(7): 1483–1495. |
| Cahoon, D | Estimating shallow subsidence in microtidal salt marshes of the southeastern United States: Kaye and Barghoorn revisited. | Cahoon, D., D. Reed, and J. Day. 1995. Estimating shallow subsidence in microtidal salt marshes of the southeastern United States: Kaye and Barghoorn revisited. Marine Geology, 128: 1-9. |
| Cahoon, D | Recent accretion in two managed marsh impoundments in coastal Louisiana | Cahoon, D. 1994. Recent accretion in two managed marsh impoundments in coastal Louisiana. Ecological Applications 4:166– 176. |
| Cahoon, D | The influence of surface and shallow subsurface soil processes on wetland elevation: A synthesis | Cahoon, D., J. Day, and D. Reed. 1999. The influence of surface and shallow subsurface soil processes on wetland elevation: A synthesis. Current Topics in Wetland Biogeochemistry. 3:72-88. |
| Cahoon, D. R | Accretion and canal impacts in a rapidly subsiding wetland II. Feldspar marker horizon technique | Cahoon, D. R. and R. E. Turner. 1989. Accretion and canal impacts in a rapidly subsiding wetland II. Feldspar marker horizon technique. Estuaries 12(4):260-268. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Cahoon, D. R. | A Method for Measuring Vertical Accretion, Elevation, and Compaction of Soft, Shallow-Water Sediments | Cahoon, D. R., Marin, P. E., Black, B. K., Lynch, J. C. (2000). A Method for Measuring Vertical Accretion, Elevation, and Compaction of Soft, Shallow-Water Sediments. Journal of Sedimentary Research. 70:5 p1250-1253. |
| Cahoon, DR | The influence of Hurricane Andrew on sediment distribution in Louisiana coastal marshes | Cahoon, DR, D. J. Reed, J.W. Day, Jr., G.D. Steyer, R.M. Boumans, J.C. Lynch, D. McNally, and N. Latif. 1995. The influence of Hurricane Andrew on sediment distribution in Louisiana coastal marshes. Journal of Coastal Research, Special Issue No. 21: 280-294. |
| Cairns, J. | Restoring damaged ecosystems: is predisturbance condition a viable option? | Cairns, J. 1989. Restoring damaged ecosystems: is predisturbance condition a viable option? Environ. Prof. 11: 152-159. |
| Callaway, J.C | Sediment accretion rates from four coastal wetlands along the Gulf of Mexico | Callaway, J.C., DeLaune, R.D., Patrick, Jr., W.H., 1997. Sediment accretion rates from four coastal wetlands along the Gulf of Mexico. Journal of Coastal Research 13, |
| Callaway, J.C. | Sediment accretion in coastal wetlands: a review and a simulation model of processes | Callaway, J.C., J.A. Nyman, and R.D. DeLaune. 1996. Sediment accretion in coastal wetlands: a review and a simulation model of processes. Current Topics in Wetland Biogeochemistry. 2:2-23. |
| Cambell, T | Design Considerations for Barrier Island Nourishments and Coastal Structures for Coastal Restoration in Louisiana | Cambell, T., Benedet, L.. and Thomson, G., 2004. Design Considerations for Barrier Island Nourishments and Coastal Structures for Coastal Restoration in Louisiana. Journal of Coastal Research. Special Issue No. 44. 181-197. |
| Campbell, T | Development of a Conceptual Morphosedimentary Model for Design of Coastal Restoration Projects Along the Louisiana Coast | Campbell, T. 2005. Development of a Conceptual Morphosedimentary Model for Design of Coastal Restoration Projects Along the Louisiana Coast. Journal of Coastal Research: 234-44. |
| Campbell, T | Regional Strategies for Coastal Restoration Along the Louisiana Chenier Plain | Campbell, T., L. Benedet, and C. W. Finkl. 2005. Regional Strategies for Coastal Restoration Along the Louisiana Chenier Plain. Journal of Coastal Research: 268-83. |
| Capoiuancoc, M | Nourishment design and evaluation: applicability of model concepts | Capoiuancoc, M.; Hanson, H.. Larson, M., Steetzel, H., Stivts;, M.J.F., Chatemjs, Y., Aarnekhof. S., and Karambask, T., 2002, Nourishment design and evaluation: applicability of model concepts. Coastal Engineering, 47(2), 113-137. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Capps, S. A | Modeling a Mississippi River Diversion into a Louisiana Wetland | Capps, S. A. 2003. "Modeling a Mississippi River Diversion into a Louisiana Wetland." Louisiana State University. |
| Carpenter, K | Effects of Adding Sediment to a Freshwater Thin Mat Floating Marsh | Carpenter, K. (2005). Effects of Adding Sediment to a Freshwater Thin Mat Floating Marsh. Master's Thesis, Louisiana State University. Baton Rouge, Louisiana. USA. |
| Carter, J. | Modeling the effects of nutria (Myocastor coypus) on wetland loss. | Carter, J. Foote, A.L., and Johnson-Randall, L.A. 1999. Modeling the effects of nutria (Myocastor coypus) on wetland loss. Wetlands, 19: 209-219. |
| Cavanaugh, J. C | Nitrogen dynamics in sediment during water level manipulation on the upper Mississippi River | Cavanaugh, J. C., Richardson, W. B., Strauss, E. A., Bartsch, L. A. (2006). Nitrogen dynamics in sediment during water level manipulation on the upper Mississippi River. River research and applications 22, no 6: 651-666. |
| Celik, I. | Suspended sediment-transort capacity for open channel flow. | Celik, I. and Rodi, W. (1991): Suspended sediment-transort capacity for open channel flow. J. Hyd. Eng., ASCE, 117(2): 191-204. |
| CH2M Hill | Mississippi River Water Reintroduction into Bayou Lafourche. Final Phase 2 Design Report | CH2M Hill, 2006. Mississippi River Water Reintroduction into Bayou Lafourche. Final Phase 2 Design Report. Submitted to Louisiana Department of Natural Resources. March, 2006. |
| Chabreck, R. H. | The effects of Hurricane Camille on the marshes of the Mississippi River delta | Chabreck, R. H. and A. Palmisano. 1973. The effects of Hurricane Camille on the marshes of the Mississippi River delta. Ecology 54:1118–1123. |
| Chabreck, R.H | The effects of weirs on plants and wildlife in the coastal marshes of Louisiana | Chabreck, R.H., and J.A. Nyman. 1989. The effects of weirs on plants and wildlife in the coastal marshes of Louisiana. pages 142-150 in W.G. Duffy and D. Clark (eds.). Marsh management in coastal Louisiana: effects and issues--proceedings of a symposium. U.S. Fish and Wildlife Service and Louisiana Department of Natural Resources. U.S. Fish and Wildlife Service Biol. Rep. 89(22). 378 pp. |
| Chabreck, R.H. | Common Vascular Plants of the Louisiana Marsh. | Chabreck, R.H., and Condrey, R.E. 1979. Common Vascular Plants of the Louisiana Marsh. Louisiana State University Center for Wetland Resources, Baton Rouge, LA. |
| Chabreck, R.H. | Vegetation, Water and Soil Characteristics of the Louisiana Coastal Region. | Chabreck, R.H. 1972. Vegetation, Water and Soil Characteristics of the Louisiana Coastal Region. Louisiana State University, Agricultural Experiment Station Bulletin No. 664, Baton Rouge, LA, USA. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Chambers, J.L | Conservation, Protection and Utilization of Louisiana's Coastal Wetland Forests | Chambers, J.L., W.H. Conner, J.W. Day Jr., S.P. Faulkner, E.S. Gardiner, M.S. Hughes, R.F. Keim, S.L. King, K.W. McLeod, C.A. Miller, J.A. Nyman, G.P. Shaffer. 2005. Conservation, Protection and Utilization of Louisiana's Coastal Wetland Forests. Final Report to the Governor of Louisiana from the Coastal Wetland Forest Conservation and Use Science Working Group. 102pp. |
| Chatry, M | Optimum salinity regime for oyster production on Louisiana's state seed grounds | Chatry, M., R.J. Dugas, and K.A. Easley. 1983. Optimum salinity regime for oyster production on Louisiana's state seed grounds. Contributions in Marine Science 26:81-94. |
| Chatry, M | Freshwater diversion in coastal Louisiana: recommendations for development of management criteria | Chatry, M., Chew, D., 1985. Freshwater diversion in coastal Louisiana: recommendations for development of management criteria. In: Fourth Coastal Marsh Estuary Management Symposium, pp. 71–84. |
| Chena, Z. | Sedimentological and ecohydrological processes of Asian deltas: The Yangtze and the Mekong | Chena, Z., Watanabeb, M., Wolanskic, E. (2007). Sedimentological and ecohydrological processes of Asian deltas: The Yangtze and the Mekong. Estuarine, Coastal and Shelf Science. 71:1 and 71:2. p 181-193. |
| Chew, D. L | Louisiana Coastal Area, Louisiana. Freshwater Diversion to Barataria and Brenton Sound Basins. Feasibility Study | Chew, D. L.1984. Louisiana Coastal Area, Louisiana. Freshwater Diversion to Barataria and Brenton Sound Basins. Feasibility Study. Vol. 4. Public Views and Responses :83 |
| Chew, D. L | Biological Considerations Related to Freshwater Introduction in Coastal Louisiana. | Chew, D. L., and F. J. Cali. Biological Considerations Related to Freshwater Introduction in Coastal Louisiana. Available From the National Technical Information Service, Springfield VA 22161 As PB82-131426, Price Codes: A23 in Paper Copy, A01 in Microfiche. In: Proc. of the National Symposium on Freshwater Inflow to Estuaries, San Antonio, TX, Sep. 9-11, 1980, Fish and Wildlife Service, Office of Biological Services Rept FWS/OBS-81/04, Vol I, Oct. 1981. p 376-386, 1 Fig, 2 Tab, 19 Ref. |
| Childers, D | A flow-through flume technique for quantifying nutrient and materials fluxes in microtidal estuaries | Childers, D., and J. Day. 1988. A flow-through flume technique for quantifying nutrient and materials fluxes in microtidal estuaries. Estuarine, Coastal, and Shelf Science. 27(5):483-494. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Childers, D. | Marsh-water column exchanges in two Louisiana estuaries. II. Nutrient dynamics. | Childers, D. and J. Day. 1990b. Marsh-water column exchanges in two Louisiana estuaries. II. Nutrient dynamics. Estuaries. 13(4): 407-417. |
| Childers, D. | The dilution and loss of wetland function associated with conversion to open water | Childers, D. and J. Day. 1991. The dilution and loss of wetland function associated with conversion to open water. Wetlands Ecology and Management. in press. |
| Childers, D. | Relating climatological forcing to coastal water levels in Louisiana estuaries and the potential importance of El Ni o-Southern scillation events. | Childers, D., J. Day and R. Muller. 1990. Relating climatological forcing to coastal water levels in Louisiana estuaries and the potential importance of El Ni o-Southern scillation events. Climate Research. 1:31-42. |
| Childers, D.L | Marsh-water column interactions in two Louisiana estuaries. 1. Sediment dynamics | Childers, D.L. and J.W. Day, Jr. 1990a. Marsh-water column interactions in two Louisiana estuaries. 1. Sediment dynamics. Estuaries 13:393-403. |
| Christensen, N.L. | Vegetation of the Southeastern Coastal Plain. In North American Terrestrial Vegetation. | Christensen, N.L. 1988. Vegetation of the Southeastern Coastal Plain. In North American Terrestrial Vegetation. Edited by M.G. Barbour and W.D. Billings. Cambridge University Press, Cambridge, UK. Pp. 317-363. |
| Chu FE | Perkinsus marinus infection and potential defense-related activities in eastern oysters, Crassostrea virginica: salinity effects. | Chu FE, La Peyre JF, Burreson CS (1993) Perkinsus marinus infection and potential defense-related activities in eastern oysters, Crassostrea virginica: salinity effects. J Invertebr Pathol 62:226–232 |
| Clark G. M. | Seasonal and annual load of herbicides from the Mississippi River<br>Basin to the Gulf of Mexico | Clark GM, Goolsby DA, Battaglin WA (1999) Seasonal and<br>annual load of herbicides from the Mississippi River<br>Basin to the Gulf of Mexico. Environ Sci Technol<br>33:981–986. |
| Clark, D | Assessment: Freshwater Introduction South of Highway 82, U.S | Clark, D., and J. Mazourek. 2005. Environmental Assessment: Freshwater Introduction South of Highway 82, U.S. Fish and Wildlife Service, Lafayette, LA. |
| Clarke SJ | Vegetation growth in rivers: influences upon sediment and nutrient dynamics | Clarke SJ. 2002. Vegetation growth in rivers: influences upon sediment and nutrient dynamics. Progress in Physical Geography 26(2): 159–172. |
| Clift, R | Bubbles, drops, and particles. | Clift, R, RJ, Grace, & ME Weber, (1978): Bubbles, drops, and particles. Academic Press, New York. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Cloern, J.E | Our evolving conceptual model of the coastal eutrophication problem | Cloern, J.E., 2001. Our evolving conceptual model of the coastal eutrophication problem. Mar. Ecol. Progr. Ser. 210, 223–253. |
| Coastal Engineering and Environmental Consultants | Report for Violet Canal Freshwater Diversion and Mississippi River Gulf Outlet Water Control Structure | Coastal Engineering and Environmental Consultants. 1996. Data Report for Violet Canal Freshwater Diversion and Mississippi River Gulf Outlet Water Control Structure. |
| Cobb, Mark | Modeling the Circulation of the Atchafalaya Bay System during Winter Cold Front Events. Part 1: Model Description and Validation | |
| Cobb, Mark | Modeling the Circulation of the Atchafalaya Bay System. Part 2: River Plume Dynamics during Cold Fronts | |
| Coffey, FC | Aspects of wave-current boundary layer flows. | Coffey, FC & P Nielsen (1984): Aspects of wave-current boundary layer flows. Proc 19th Int Conf Coastal Engineering, Houston Texas, pp 2232-2245. |
| Coffey, FC | Current profiles in the presence of waves and the hydraulic roughness of sand beds | Coffey, FC (1987): Current profiles in the presence of waves and the hydraulic roughness of sand beds. Ph D Thesis, Univ of Sydney, 252 pp. |
| Coleman, J. M | Mass Movement of Mississippi River Delta Sediments. Proceedings, Gulf Coast Assocation of Geological Societites | Coleman, J. M., J. N. Suhayda, T. Whelan, and L. D. Wright. 1974. Mass Movement of Mississippi River Delta Sediments. Proceedings, Gulf Coast Assocation of Geological Societites, 49-68. |
| Coleman, J. M | Sediment Instability in the Mississippi River Delta | Coleman, J. M., H. J. Walker, and W. E. Grabau. 1998. Sediment Instability in the Mississippi River Delta. Journal of Coastal Research 14, no. 3: 872-81. |
| Coleman, J.M | The Mississippi River delta: an overview | Coleman, J.M., Roberts, H.H., Stone, G.W., 1998. The Mississippi River delta: an overview. Journal of Coastal Research 3, 698- |
| Coleman, J.M. | Dynamic changes and processes in the Mississippi River Delta | Coleman, J.M. 1988. Dynamic changes and processes in the Mississippi River Delta. Geological Society of America Bulletin 100:999-1015. |
| Coleman, N.L. | Velocity profiles with suspended sediment. | Coleman, N.L. (1981): Velocity profiles with suspended sediment. J. Hydr. Res., 19:211-229. |
| Coleman, NL, | Flume studies of the sediment transfer coefficient, | Coleman, NL, (1970): Flume studies of the sediment transfer coefficient, Water Resource Res, 6(3), pp 801-809. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Combs, P. G | WATER QUALITY ASPECTS OF THE 1973 OPENING OF THE MISSISSIPPI RIVER DIVERSION SPILLWAY AT BONNET CARRE, LOUISIANA, U. S. A. | Combs, P. G., and E. P. Russo. 1973. WATER QUALITY ASPECTS OF THE 1973 OPENING OF THE MISSISSIPPI RIVER DIVERSION SPILLWAY AT BONNET CARRE, LOUISIANA, U. S. A. Proceedings of the First World Congress on Water Resources, 548-57Champaign, IL: Int Water Resour Assoc. |
| Committee on Tidal Hydraulics | Bonnet Carre Freshwater Diversion, Lake Pontchartrain, Lake Borgne, Biloxi Marshes, MRGO, and the IHNC: An Evaluation by the Committee on Tidal Hydraulics | Committee on Tidal Hydraulics. 1995. Bonnet Carre Freshwater Diversion, Lake Pontchartrain, Lake Borgne, Biloxi Marshes, MRGO, and the IHNC: An Evaluation by the Committee on Tidal Hydraulics. |
| Connell, J.H. | Intermediate-disturbance hypothesis | Connell, J.H. 1979. Intermediate-disturbance hypothesis. Science (Wash.). 204: 1344- |
| Conner, W. | Bottomlands hardwood productivity: case study in a rapidly subsiding, Louisiana, USA, watershed. | Conner, W., J. Day, and W. Slater. 1993. Bottomlands hardwood productivity: case study in a rapidly subsiding, Louisiana, USA, watershed. Wetlands Ecology and Management. 2:189-197. |
| Conner, W. | Vegetation of the northshore marshes and westshore swamps of Lake Pontchartrain, Louisiana | W. Conner, G. Cramer, and J. Day. 1980. Vegetation of the northshore marshes and westshore swamps of Lake Pontchartrain, Louisiana. Proc. La. Acad. Science 43:139- |
| Conner, W. H. | Influence of hurricanes on coastal ecosystems along the northern Gulf coast. | Conner, W.H., J.W. Day, Jr., R.H. Baumann, and J. Randall. 1989. Influence of hurricanes on coastal ecosystems along the northern Gulf coast. Wetlands Ecology and Management. 1(1):45-56. |
| Conner, W. H. | Rising water levels in coastal Louisiana: importance to forested wetlands. | Conner, W.H. and J.W. Day, Jr. 1988. Rising water levels in coastal Louisiana: importance to forested wetlands. accepted and revised. Journal of Coastal Research. 4(4): 589-596. |
| Conner, W. H. | Variations in vertical accretion in a Louisiana swamp. | Conner, W. H. and J. W. Day, Jr. 1991. Variations in vertical accretion in a Louisiana swamp. J. Coastal Research. 7(3):617-622. |
| Conner, W. H. | Diameter growth of Taxodium distichum (L.) Rich. and Nyssa aquatica L. from 1979-1985 in four Louisiana swamp stands. | Conner, W.H. and J.W. Day, Jr. 1992. Diameter growth of Taxodium distichum (L.) Rich. and Nyssa aquatica L. from 1979-1985 in four Louisiana swamp stands. American Midland Naturalist. 127:290-299. |
| Conner, W. H. | Leaf litter decomposition in three Louisiana freshwater forested wetland areas with different flooding regimes. | Conner, W.H. and J.W. Day, Jr. 1991. Leaf litter decomposition in three Louisiana freshwater forested wetland areas with different flooding regimes. Wetlands. 11(2):303-312. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Conner, W.H. | Comparison of the vegetation of three Louisiana swamp sites with different flooding regimes. | Conner, W.H., and Gosselink, J.G., and Parrondo, R.T. 1981. Comparison of the vegetation of three Louisiana swamp sites with different flooding regimes. Am. J. Bot. 68: 320-331. |
| Conner, W.H. | Water level variability and litterfall productivity of forested freshwater wetlands in Louisiana. | Conner, W.H. and J.W. Day, Jr. 1992. Water level variability and litterfall productivity of forested freshwater wetlands in Louisiana. American Midland Naturalist. 128:237-245. |
| Conner, W.H. | Bottomland hardwood productivity in a rapidly subsiding, Louisiana, USA, watershed. | Conner, W.H. and J.W. Day, Jr. 1993. Bottomland hardwood productivity in a rapidly subsiding, Louisiana, USA, watershed. Wetlands Ecology and Management. 2(4):189-197. |
| Connotea T. Mitchell-Andrus | Sediment Flux and Fate in the Mississippi River Diversion at West Bay: Observation Study | Connotea T. Mitchell-Andrus, and Bentley, S. J. (2007). Sediment Flux and Fate in the Mississippi River Diversion at West Bay: Observation Study. In Coastal Sediments 2007, Kraus, N. C., Rosati, J. D. (eds.). New Orleans, Louisiana, May 13–17, 2007. |
| Corbett, D. | Nature of decadal-scale sediment accumulation on the western shelf of the Mississippi river delta. | Corbett, d. R, B. Mckee, and M. Alison (2006). Nature of decadal-scale sediment accumulation on the western shelf of the Mississippi river delta. Continental Shelf Research. 26, 2125-2140. |
| Corbett, D. R | High-Frequency Time-Series of the Dynamic Sedimentation Processes on the Western Shelf of the Mississippi River Delta | Corbett, D. R., M. Dail, and B. Mckee. 2007. High-Frequency Time-Series of the Dynamic Sedimentation Processes on the Western Shelf of the Mississippi River Delta. Continental Shelf Research 27, no. 10-11: 1600-1615. |
| Corbett, D. R | An evaluation of mobile mud dynamics in the Mississippi River deltaic region | Corbett, D. R., B. A. McKee, and D. Duncan (2004), An evaluation of mobile mud dynamics in the Mississippi River deltaic region, Mar. Geol., 209, 91–112. |
| Corbett, D.C | Nature of decadalscale sediment accumulation on the Western Shelf of the Mississippi River Delta | Corbett, D.C., McKee, B., Allison, M., 2006. Nature of decadalscale sediment accumulation on the Western Shelf of the Mississippi River Delta. Continental Shelf Research 26, 2125–2140. |
| Cosse, C. | Caernarvon Subcommittee on Marsh Enhancement and Fisheries Sampling Data | Cosse, C. (1999) Caernarvon Subcommittee on Marsh Enhancement and Fisheries Sampling Data, October 21, 1999, USACE, New Orleans, La. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Costanza, R | Mississippi River Sediment, Nutrient, & Freshwater Redistribution Study, Modeling Coastal Landscape Dynamics | Costanza, R., F. H. Sklar, and M. L. White (1990).Mississippi River Sediment, Nutrient, & Freshwater Redistribution Study, Modeling Coastal Landscape Dynamics. BioScience, 40(2) 91-107. |
| Costanza, R. | Modeling Coastal Landscape Dynamics. | Costanza, R., Sklar, F. H., White, M. L. (1990) Modeling Coastal Landscape Dynamics. BioScience. Vol. 40. No. 2. pp 91-107. |
| Costanza, R. | Modeling landscape dynamics in the Atchafalaya/Terrebonne marshes of coastal Louisiana using the CELSS model:Executive Summary | Costanza, R., F.H. Sklar, M.L. White, and J.W. Day. 1989. Modeling landscape dynamics in the Atchafalaya/Terrebonne marshes of coastal Louisiana using the CELSS model:Executive Summary. In Final Report to U.S. Fish and Wildlife Service. U.S. Fish and Wildlife Service, Washington, DC. |
| Costanza, R. | Using the Coastal Ecological Landscape Spatial Simulation (CELSS) model for wetland management: Coastal Zone ’87 | Costanza, R., F.H. Sklar, and J.W. Day. 1987. Using the Coastal Ecological Landscape Spatial Simulation (CELSS) model for wetland management: Coastal Zone ’87. Proceedings of the 5th Symposium on Coastal and Ocean Management 4:3879-3890. |
| Costanza, R. M. | A new vision for New Orleans and the Mississippi delta: applying ecological economics and ecological engineering | Costanza, R., Mitsch, W. J., Day, J. W. Jr. (2006) A new vision for New Orleans and the Mississippi delta: applying ecological economics and ecological engineering. Frontiers in Ecology and the Environment, 4:9. pp. 465-472. |
| CPRA | Coastal Protection and Restoration Authority of Louisiana (2007) Integrated ecosystem restoration and hurricane protection: Louisiana’s comprehensive master plan for a sustainable coast | Coastal Protection and Restoration Authority of Louisiana (2007) Integrated ecosystem restoration and hurricane protection: Louisiana’s comprehensive master plan for a sustainable coast. |
| Craft, C. B | Response of Everglades plant communities to nitrogen and phosphorus additions | Craft, C. B., Vymazal, J., Richardson, C. J. 1995. Response of Everglades plant communities to nitrogen and phosphorus additions. Wetlands 15, 258-271. |
| Craig, N | Wetland losses and their consequences in coastal Louisiana | N. Craig, R. Turner, and J. Day. 1980. Wetland losses and their consequences in coastal Louisiana. Geomorph. N. F. Suppl. Bdg. 34:225-241. |
| Craig, N. | Land Loss in Coastal Louisiana | N. Craig, R. Turner and J. Day. 1979. Land Loss in Coastal Louisiana. Enviironmental Management 3(2):133-144. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Cramer, G. W | Productivity of four marsh sites surrounding Lake Pontchartrain, Louisiana | Cramer, G. W., Day, J. W., Jr., Conner, W. H. 1981. Productivity of four marsh sites surrounding Lake Pontchartrain, Louisiana. Amer. Midl. Natural. 106, 65-72. |
| Crandall, M. E | Establishment of Controlled Freshwater Diversions of the Mississippi River into the Louisiana Coastal Zone | Crandall, M. E., and J. L. Lindsey. 1981. Establishment of Controlled Freshwater Diversions of the Mississippi River into the Louisiana Coastal Zone. Proceedings of the National Smyposium on Freshwater Inflow to EstuariesFish and Wildlife Service, Office of Biological Services. |
| Crocker, JA | Sediment deposition in Lake Pontchartrain from the 1973 Bonnet Carre Spillway operation | Crocker, JA. 1988. Sediment deposition in Lake Pontchartrain from the 1973 Bonnet Carre Spillway operation. Master's Thesis University of New Orleans, Dept of Geology and Geophysics. |
| CWPPRA | Mississippi River Sediment, Nutrient, and Freshwater Redistribution Study. Draft Report and Environmental Resource Document | CWPPRA, 2000. Mississippi River Sediment, Nutrient, and Freshwater Redistribution Study. Draft Report and Environmental Resource Document. July, 2000. |
| CWPPRA | Coastwide nutria control program (LA-03B) fact sheet. | CWPPRA. 2003. Coastwide nutria control program (LA-03B) fact sheet. Coastal Wetland Planning, Protection, and Restoration Act Task Force. Downloaded 20 November 2003. Available: http://www.lacoast.gov/projects/list.asp. |
| Dagg, M.J | Physical and biological responses to the passage of a winter storm in the coastal and inner shelf waters of the northern Gulf of Mexico | Dagg, M.J. 1988. Physical and biological responses to the passage of a winter storm in the coastal and inner shelf waters of the northern Gulf of Mexico. Continental Shelf Research 8:167-178. |
| Dardeau, E. A. | Sediment Transport Modeling, Mississippi River Sediment Studies | Dardeau, Elba A., 1989. Sediment Transport Modeling, Mississippi River Sediment Studies. Prepaired for the U. S. Army Corps of Engineers, American Society of Civil Engineers, Reston, Virginia. |
| Darnell, R. M. | Ecological History of Lake Pontchartrain, an Estuarine Community | Darnell, R. M. (1962). Ecological History of Lake Pontchartrain, an Estuarine Community. American Midland Naturalist, Vol. 68, No. 2. pp. 434-444. |
| Davies, D. K | Dispersal of Mississippi Sediment in the Gulf of Mexico | Davies, D. K, and R. W. Moore. 1970. Dispersal of Mississippi Sediment in the Gulf of Mexico. Journal of Sedimentary Petrology 40, no. 1: 339-53. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Davis, D. W | Crevasses on the lower course of the Mississippi River | Davis, D. W. 1993. Crevasses on the lower course of the Mississippi River. Coastal Zone. 1: 360-378 |
| Davis, D.W | Historical perspective on crevasses, levees, and the Mississippi River | Davis, D.W. 2000. Historical perspective on crevasses, levees, and the Mississippi River. In Transforming New Orleans and Its Environs: Centuries of Changes, Colten, C.E. (ed.). University of Pittsburgh Press, PA. |
| Day J. W. | Restoration of the Mississippi Delta: lessons from Hurricanes Katrina and Rita. | Day JW, Boesch DF, Clairain EJ, Kemp GP, Laska SB, Mitsch WJ et al (2007) Restoration of the Mississippi Delta: lessons from Hurricanes Katrina and Rita. Science 23:1679–1684. |
| Day, J | Environmental conditions in the Louisiana coastal zone | Day, J., D. Culley, A. Mumphrey, and E. Turner, eds. 1979. Environmental conditions in the Louisiana coastal zone. Proc. Third Coastal Marsh Estuary Management Symposium. Division of Continuing Education, Louisiana State University. Baton Rouge. 511 p. |
| Day, J | Rapid deterioration of a salt marsh in Venice Lagoon, Italy | Day, J.,F. Scarton, A. Rismondo, D. Are. 1998. Rapid deterioration of a salt marsh in Venice Lagoon, Italy. Journal of Coastal Research. 14:583-590. |
| Day, J | Relative sea level rise and Venice Lagoon wetlands | Day, J., A. Rismondo, F. Scarton, D. Are, and G. Cecconi. 1998. Relative sea level rise and Venice Lagoon wetlands. Journal of Coastal |
| Day, J | Soil accretionary dynamics, sea-level rise and the survival of wetlands in Venice Lagoon: A field and modeling approach | Day, J., J. Rybczyk, F. Scarton, A. Rismondo, D. Are, and G. Cecconi. 1999. Soil accretionary dynamics, sea-level rise and the survival of wetlands in Venice Lagoon: A field and modeling approach. Estuarine, Coastal and Shelf Science, 49: 607-628. |
| Day, J | Estuarine Ecology | Day, J. C. Hall, M. Kemp, and A. Y ez-Arancibia. 1989. Estuarine Ecology. Wiley Interscience, New York. 576 pp. |
| Day, J. | Carbon dynamics of estuarine ponds receiving treated sewage wastes | J. Day. 1983. Carbon dynamics of estuarine ponds receiving treated sewage wastes. Estuaries 6(1):10-19. |
| Day, J. | Carbon Budget and Total Productivity of an Estuarine Oxidation Pond Receiving Secondary Sewage Effluent | J. Day, C. Weiss and H. Odum. 19??. Carbon Budget and Total Productivity of an Estuarine Oxidation Pond Receiving Secondary Sewage Effluent ??:100-113. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Day, J. | A Tidal Rhythm in the Susceptibility of Fundulus Similis to Sodium Chloride and Endrin. | J. Day. 1968. A Tidal Rhythm in the Susceptibility of Fundulus Similis to Sodium Chloride and Endrin. Proceedings of the Louisiana Academy of Sciences 30:62-64. |
| Day, J. | Environmental conditions in the Louisiana coastal zone. | Day, J., D. Culley, A. Mumphrey, and E. Turner, eds. 1979. Environmental conditions in the Louisiana coastal zone. Proc. Third Coastal Marsh Estuary Management Symposium. Division of Continuing Education, Louisiana State University. Baton Rouge. 511 p. |
| Day, J. W | Using Ecotechnology to Address Water Quality and Wetland Habitat Loss Problems in the Mississippi Basin: a Hierarchical Approach | Day, J. W., A. Y. Arancibia, W. J. Mitsch, A. L. Lara-Dominguez, J. N. Day, J. Y. Ko, R. Lane, J. Lindsey, and D. Z. Lomeli. 2003b. Using Ecotechnology to Address Water Quality and Wetland Habitat Loss Problems in the Mississippi Basin: a Hierarchical Approach. Biotechnology Advances 22, no. 1-2: |
| Day, J. W | Pulses: The Importance of Pulsed Physical Events for Louisiana Floodplains and Watershed Management | Day, J. W., J. Ko, J. Cable, J.N. Day, B. Fry, E. Hyfield, D. Justic, P. Kemp, R. Lane, H. Mashiriqui, E. Reyes, S. Rick, G. Snedden, E. Swenson, P. Templet, R. Twilley, K. Wheelock, and B. Wissel. 2003a. Pulses: The Importance of Pulsed Physical Events for Louisiana Floodplains and Watershed Management. First Interagency Conference on Research in the Watersheds, eds K. G. Renard, S. A. McElroy, W. J. Gburek, H. E. Canfield, and R. L Scotted. Economics, U.S. Department of Agriculture, Agricultural Research Service. |
| Day, J. W | System functioning as a basis of sustainable management of deltaic ecosystems | Day, J. W., J. F. Martin, L. Cardoch, P.H. Templet. 1997. System functioning as a basis of sustainable management of deltaic ecosystems. Coastal Management 25, 115- |
| Day, J. W. | The Role of Pulsing Events in the Functioning of Coastal Barriers and Wetlands: Implications for Human Impact, Management and the Response to Sea Level Rise | Day, J. W., Psuty, N. P., Perez, B. C. (2000) The Role of Pulsing Events in the Functioning of Coastal Barriers and Wetlands: Implications for Human Impact, Management and the Response to Sea Level Rise. In: M.P. Weinsten, M. P., & Kreeger, D. A. (Eds.), Kluwer Academic Publishers. Norwell, MA. p |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Day, J. W. | Development Plan for a Diversion into the Maurepas Swamp: Water Quality and Hydrologic Modeling Components | Day, J. W., G.P. Kemp, H.S. Mashriqui, R.R. Lane, D. Dartez, and R. Cunningham. 2004. Development Plan for a Diversion into the Maurepas Swamp: Water Quality and Hydrologic Modeling Components, Louisiana State University, Baton Rouge, Louisiana. |
| Day, J., | Community structure and carbon budget of a salt marsh and shallow bay estuarine system in Louisiana | Day, J., W. Smith, W. Stowe, and P. Wagner. 1973. Community structure and carbon budget of a salt marsh and shallow bay estuarine system in Louisiana. Center for Wetland Resources, Louisiana State University. Baton Rouge. Publ. No. LSU-SG-72-04. |
| Day, J.W | The impacts of sea level rise on the deltas in the Gulf of Mexico and the Mediterranean: the importance of pulsing events to sustainability | Day, J.W., Pont, D., Henzel, P.E., Ibanez, C., 1995. The impacts of sea level rise on the deltas in the Gulf of Mexico and the Mediterranean: the importance of pulsing events to sustainability. Estuaries 18 (4), 637–647. |
| Day, J.W | Pattern and process of land loss in the Mississippi Delta: A spatial and temporal analysis of wetland habitat change | Day, J.W., G.P. Shaffer, L.D. Britsch, D.J. Reed, S.R. Hawes, and D. Cahoon. 2000. Pattern and process of land loss in the Mississippi Delta: A spatial and temporal analysis of wetland habitat change. Estuaries 23(4):425-438. |
| Day, J.W. | The importance of pulse physical events for the sustainability of Louisiana coastal forested wetlands. | Day, J.W., Conner, W.H., Shaffer, G.P. 2006. The importance of pulse physical events for the sustainability of Louisiana coastal forested wetlands. Hydrology and Management of Forested Wetlands Proceedings of the international Conference. American Society of Agricultural and Biological Engineers, St. Joseph, MI. |
| Day, J.W. Jr. | Water chemistry dynamics in Lake Pontchartrain, Louisiana, during the 1997 opening of the Bonne Carre Spillway | Day, J.W. Jr., R.R. Lane, R.F. Mach, C.G. Brantley, and M.E. Daigle. 1999. Water chemistry dynamics in Lake Pontchartrain, Louisiana, during the 1997 opening of the Bonne Carre Spillway. Recent Research in Coastal Louisiana – Natural System Function and Response to Human Influence. Eds. Rozas, L.P., J.A. Nyman, C.E. Proffitt, and N.N. Rabalais, D.J. Reed, and R.E. Turner. Louisiana Sea Grant College Program, Baton Rouge. |
| Day, J.W., Jr | The ecology of Barataria Basin, Louisiana: an estuarine profile | Day, J.W., Jr. and W. H. Conner, eds. 1987. The ecology of Barataria Basin, Louisiana: an estuarine profile. National Wetlands Research Center, U.S. Fish Wildl. Serv. Biological Report 85(7.13). 165 pp. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Day, J.W., Jr. | Patterns and processes of land loss in coastal Louisiana are complex: a reply to Turner 2001. Estimating the indirect effects of hydrologic change on wetland loss: if the Earth is curved, then how would we know it? | Day, J.W., Jr., Shaffer, G.P., Britsch, D., Hawes, S., and Cahoon, D. 2001. Patterns and processes of land loss in coastal Louisiana are complex: a reply to Turner 2001. Estimating the indirect effects of hydrologic change on wetland loss: if the Earth is curved, then how would we know it? Estuaries, 24:647-651. |
| Day, R. | An inventory of wetland impoundments in the coastal zone of Louisiana, USA: historical trends | Day, R., R. Holz, and J. Day. 1990. An inventory of wetland impoundments in the coastal zone of Louisiana, USA: historical trends. Environmental Management. 14(2):229-240. |
| De Groot CJ | The impact of desiccation of a freshwater marsh (Garcines Nord, Camargue, France) on sediment-water vegetation interactions | De Groot CJ, Van Wijck C. 1993. The impact of desiccation of a freshwater marsh (Garcines Nord, Camargue, France) on sediment-watervegetation interactions. Hydrobiologia 252: 83–94. |
| De Vriend, H.J | 2DH mathematical modeling of morphological evolutions in shallow water. | De Vriend, H.J. (1987): 2DH mathematical modeling of morphological evolutions in shallow water. Coastal Engineering. 11:1-27. |
| Dean, RG | Water wave mechanics for engineers and scientists. | Dean, RG & RA Dalrymple (1991): Water wave mechanics for engineers and scientists. World Scientific, Singapore |
| DeAngelis D. L. | Life history tradeoffs and community dynamics of small fishes pulsed wetland | DeAngelis DL, Trexler JC, Loftus WF (2005) in a seasonally Life history tradeoffs and community dynamics of small fishes in a seasonally pulsed wetland. Can J Fish Aquat Sci |
| Deigaard, R | Engineering Models for Coastal Sediment Transport. | Deigaard, R., Hedegaard, I.B., Holst Anderson, O. and Fredsoe, J. (1989): Engineering Models for Coastal Sediment transport. Proc. Int. Symp., Sediment Transport Modeling, ASCE, New Orleans, |
| Deigaard, R | Shear stress distribution in dissipative water waves. | Deigaard, R. and Fredsoe, J. (1989): Shear stress distribution in dissipative water waves. Coastal Eng., 13:357-378. |
| DeLaune R. D. | Impact of Mississippi River freshwater reintroduction on enhancing marsh accretionary processes in a Louisiana estuary. | DeLaune RD, Jugsujinda A, Peterson GW, Patrick WH Jr (2003) Impact of Mississippi River freshwater reintroduction on enhancing marsh accretionary processes in a Louisiana estuary. Estuar Coast Shelf Sci 58:653–662. |
| DeLaune R. D. | A screening of the capacity of Louisiana freshwater wetlands to process nitrate in diverted Mississippi River water | DeLaune RD, Jugsujinda A, West JL, Johnson CB, Kongchum M (2005b) A screening of the capacity of Louisiana freshwater wetlands to process nitrate in diverted Mississippi River water. Ecol Eng 25:315–321. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Delaune, R. D | Impact of Mississippi River Freshwater Reintroduction on Spartina Patens Marshes: Responses to Nutrient Input and Lowering of Salinity | Delaune, R. D., S. R. Pezeshki, and A. Jugsujinda. 2005. Impact of Mississippi River Freshwater Reintroduction on Spartina Patens Marshes: Responses to Nutrient Input and Lowering of Salinity. Wetlands 25, no. 1: 155-61. |
| DeLaune, R. D | Relationships of mineral nutrients to growth of Spartina alterniflora in Louisiana salt marshes | DeLaune, R. D. and S. R. Pezeshki. 1988. Relationships of mineral nutrients to growth of Spartina alterniflora in Louisiana salt marshes. Northeast Gulf Science 10:55–60. |
| DeLaune, R. D | Denitrification potential in Louisiana wetland receiving diverted Mississippi river water | DeLaune, R. D. and A. Jugsujinda. 2003. Denitrification potential in Louisiana wetland receiving diverted Mississippi river water. Chemistry and Ecology 19:411–418. |
| DeLaune, R. D. | Denitrification in Water Bodies Receiving Mississippi River Freshwater Diversion. | DeLaune, R. D., C.W. Lindau, A. Jugsujinda, and R.R. Iwai. Denitrification in Water Bodies Receiving Mississippi River Freshwater Diversion. |
| Delaune, R. D. | Accumulation of plant nutrients and heavy metals through sedimentation processes and accretion in a Louisiana salt marsh | Delaune, R. D., C. N. Riddy, and W. H. Patrick. 1981. Accumulation of plant nutrients and heavy metals through sedimentation processes and accretion in a Louisiana salt marsh. Estuaries 4(4):328-334. |
| Delaune, R.D | Development of methods and guidelines for use in maximizing marsh creation at a Mississippi River freshwater diversion site | Delaune, R.D. 2002. Development of methods and guidelines for use in maximizing marsh creation at a Mississippi River freshwater diversion site. DNR Contract No 2512-98-7. |
| DeLaune, R.D | An analysis of marsh accretionary processes in Louisiana coastal wetlands | DeLaune, R.D, J.C. Callaway, W.H. Patrick, Jr., and J.A. Nyman. 2004. An analysis of marsh accretionary processes in Louisiana coastal wetlands. Geoscience and Man 38:129-146. |
| DeLaune, R.D | Some Influences of Sediment Addition to a Deteriorating Salt Marsh in the Mississippi River Deltaic Plain: A Pilot Study | DeLaune, R.D., S.R. Pezeshki, J.H. Pardue, J.H. Whitcomb, and W.H. Patrick, Jr. 1990. Some Influences of Sediment Addition to a Deteriorating Salt Marsh in the Mississippi River Deltaic Plain: A Pilot Study. Journal of Coastal Research 6(1): 181-188. |
| DeLaune, R.D | Sedimentation Patterns in Rapidly Deteriorating Mississippi River Deltaic Plain Coastal Marshes: Requirement and Response to Sediment Additions. Resource Development of the Lower Mississippi River | DeLaune, R.D., J.A. Nyman, and W.H. Patrick, Jr. 1991. Sedimentation Patterns in Rapidly Deteriorating Mississippi River Deltaic Plain Coastal Marshes: Requirement and Response to Sediment Additions. Resource Development of the Lower Mississippi River, American Water Resources Association. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| DeLaune, R.D. | Relationships among vertical accretion, coastal submergence, and erosion in a Louisiana Gulf Coast marsh | DeLaune, R.D., R.H. Baumann, and W.H. Patrick. 1983. Relationships among vertical accretion, coastal submergence, and erosion in a Louisiana Gulf Coast marsh. Journal of Sedimentary Petrology 53:147-157. |
| Delcourt, P.A. | Quaternary vegetation history of the Mississippi embayment. | Delcourt, P.A., Delcourt, H.R., Brister, R.C., and Lackey, L.E. 1980. Quaternary vegetation history of the Mississippi embayment. Quat. Res. 13: 111-132. |
| Demas, C. | Suspended-sediment, bottom-material, and associated-chemical data from the lower Mississippi River, Louisiana | Demas, C. (1987). Suspended-sediment, bottom-material, and associated-chemical data from the lower Mississippi River, Louisiana. 1987. |
| Demas, C.R | Suspended-sediment and associated chemical transport characteristics of the lower Mississippi River, Louisiana | Demas, C.R. and Curwick, P.B. (1988) Suspended-sediment and associated chemical transport characteristics of the lower Mississippi River, Louisiana. Louisiana Department of Transportation and Development Water Resources Technical Report No. 45, 44 pp. |
| Demcheck, D. K | Selected water-quality data for the lower Mississippi River, Bonnet Carre' Spillway and Lake Pontchartrain area, Louisiana, April through June 1994 and 1974-84 | Demcheck, D. K., C. R. Garrison, and B. D. McGee. "Selected water-quality data for the lower Mississippi River, Bonnet Carre' Spillway and Lake Pontchartrain area, Louisiana, April through June 1994 and 1974-84." USGS Open-File Report. |
| Department of the Army, Corps of Engineers | Mississippi and Louisiana Estuarine Areas: Feasibility Report on Freshwater Diversion to Lake Pontchartrain and Mississippi Sou nd | Department of the Army, Corps of Engineers. 1985. Mississippi and Louisiana Estuarine Areas: Feasibility Report on Freshwater Diversion to Lake Pontchartrain and Mississippi Sou nd. |
| Department of the Army, Corps of Engineers | Louisiana Coastal Area Ecosystem Restoration Study | Department of the Army, Corps of Engineers. 2004. Louisiana Coastal Area Ecosystem Restoration Study. |
| Department of the Army, Corps of Engineers | Louisiana Coastal Area, Freshwater Diversion to Barataria and Breton South Basins, Louisiana (Feasibility Report) | Department of the Army, Corps of Engineers 1985. Louisiana Coastal Area, Freshwater Diversion to Barataria and Breton South Basins, Louisiana (Feasibility Report). |
| Department of the Army, Corps of Engineers | West Bay Diversion, Plaquemines Parish, Louisiana | Department of the Army, Corps of Engineers. 2001. West Bay Diversion, Plaquemines Parish, Louisiana. |
| Dietrich WE | Boundary shear stress, sediment transport and bed morphology in a sand-bedded river meander during high and low flow. In River Meandering. | Dietrich WE, Smith JD, Dunne T. 1983. Boundary shear stress, sediment transport and bed morphology in a sand-bedded river meander during high and low flow. In River Meandering. American Society of Civil Engineers: New York. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Dill, N. L | Hydrodynamic Modeling of a Hypothetical River Diversion Near Empire, Louisiana | Dill, N. L. 2007. "Hydrodynamic Modeling of a Hypothetical River Diversion Near Empire, Louisiana." Louisiana State University. |
| Dingemans, M.W. | Computations of the driving forces of wave-induced currents. | Dingemans, M.W., Radder, A.C. and Vriend, H.J. (1987): Computations of the driving forces of wave-induced currents. Coastal Eng., 11:539-563. |
| Divins, D. L. | NGDC Coastal Relief Model, 88:5_92:5_W and 28:5_32_ N. | Divins, D. L. & Metzger, D. NGDC Coastal Relief Model, 88:5_92:5_W and 28:5_32_ N. <http://www.ngdc.noaa.gov/mgg/coastal/coastal.html>. |
| Dortch, Q | Algal bloom resulting from the opening of the Bonnet Carre´ Spillway in 1997 | Dortch, Q., Peterson, T., Turner, R.E., 1998. Algal bloom resulting from the opening of the Bonnet Carre´ Spillway in 1997. In Basics of the Basin Research Symposium, May 12"/ 13, University of New Orleans, Louisiana. |
| Doyle, H.W | Sediment transport in a Mississippi River Distributary: Bayou Lafourche, Louisiana | Doyle, H.W. 1972. Sediment transport in a Mississippi River Distributary: Bayou Lafourche, Louisiana. Geological Survey Water – Supply Paper 2008. US Geological Survey, Washington, DC. |
| Dranguet, C.A.Jr., | Back Door to the Gulf: The Pass Manchac Region, 1699-1863. | Dranguet, C.A., Jr., and Heleniak, RJ. 1985. Back Door to the Gulf: The Pass Manchac Region, 1699-1863. Center for Regional Studies, Southeastern Louisiana University, Hammond, LA, USa, reprinted from Regional Dimensions 3. |
| Draut, A.E | Influence of the Atchafalaya River on recent evolution of the Chenier Plain inner continental shelf northern Gulf of Mexico | Draut, A.E., G.C. Kineke, D.W. Velasco, M.A. Allison, and R.J. Prime. 2005. Influence of the Atchafalaya River on recent evolution of the Chenier Plain inner continental shelf, northern Gulf of Mexico. Continental Shelf Research 25:91-112. |
| Einstein, H.A. | The bed-load function for sediment transportation in open channel flows. | Einstein, H.A. (1950): The bed-load function for sediment transportation in open channel flows. U.S. Dept. of Agriculture, Techn. Bulletin No. 1026, 71 p. |
| Einstein, H.A. | The bed-load function for sediment transportation in open channel flows. | Einstein, H.A. (1950): The bed-load function for sediment transportation in open channel flows. U.S. Dept. of Agriculture, Techn. Bulletin No. 1026. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Einstein, H.A. | Effects on heavy sediment concentrations near the bed on velocity and sediment distribution. | Einstein, H.A. and Chien, N. (1955): Effects on heavy sediment concentrations near the bed on velocity and sediment distribution. University of California Institute of Engineering Research, MRD, Sediment Series, Report No. 8. |
| Eisma, D | locculation and de-fl occulation of suspended matter in estuaries | Eisma, D., 1986, Flocculation and de-fl occulation of suspended matter in estuaries: Netherlands Journal of Sea Research, v. 20, p. 183–199. |
| Elguezabal, D. J | Freshwater diversions from the Mississippi River to wetlands in southeast Louisiana. Proceedings of the 18th Annual Conference and Symposium | Elguezabal, D. J. 1991. Freshwater diversions from the Mississippi River to wetlands in southeast Louisiana. Proceedings of the 18th Annual Conference and Symposium, Water Resources Planning and Management and Urban Water Resources, 273-77New Orleans, LA, USA: Publ by ASCE, New York, NY, USA. |
| Elliott DO. | The Improvement of the Lower Mississippi River for Flood Control and Navigation | Elliott DO. 1932. The Improvement of the Lower Mississippi River for Flood Control and Navigation. US Army Corps of Engineers, Waterways Experiment Station: Vicksburg, MS. |
| Engelund, F | A Monograph on Sediment transport in Alluvial Streams. | |
| Engelund, F | Transport of bed load at high shear stress. | Engelund, F (1981): Transport of bed load at high shear stress. Progr Rep 53, Inst Hydrodynamic and Hydraulic Engin, Tech Univ Denmark, 31-35 |
| Engelund, F | Instability of erodible beds. | Engelund, F (1970): Instability of erodible beds. J Fluid Mechanics, Vol 42, pp 225-244 |
| Engelund, F. | A simple theory of weak hydraulic pumps | Engelund, F. (1981): A simple theory of weak hydraulic pumps. Progress Report No. 54, Inst. of Hydrodynamics and Hydraulic Engineering, ISVA, Techn. Univ. Denmark, pp. 29-32. |
| Engelund, F. | Steady transport of moderately graded sediment (part 2) | Engelund, F. (1975): Steady transport of moderately graded sediment (part 2). Progress Report No. 35, Inst. of Hydrodynamics and Hydraulic Engineering, ISVA, Techn. Univ Denmark, pp 31-36. |
| Engelund, F. | Hydraulic resistance of alluvial streams. | Engelund, F. (1966): Hydraulic resistance of alluvial streams. J. Hydr. Div., ASCE, 92(HY2):315-326. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Engelund, F. | Sediment ripples and dunes. | Engelund, F. and Fredsoe, J. (1982): Sediment ripples and dunes. Annual Review of Fluid Mechanics, 14:13-37. |
| Engelund, F. | The development of oblique dunes. | Engelund, F. (1974): The development of oblique dunes. Progress Report No. 31, Inst. of Hydrodynamics and Hydraulic Engineering, ISVA, Techn. Univ. of Denmark, pp 25-30. |
| Engelund, F. | The development of oblique dunes, part 2. | Engelund, F. (1974): The development of oblique dunes, part 2. Progress Report No. 32, Inst. of Hydrodynamics and Hydraulic Engineering, ISVA, Techn. Univ. of Denmark, pp.37-40. |
| Englelund, F. | Hydraulic theory of alluvial rivers. | Englelund, F. and Fredsoe, J (1982): Hydraulic theory of alluvial rivers. Advances in Hydroscience, 13:187-215. |
| Englelund, F. | A simple theory of weak Hydraulic Jumps. | Englelund, F. (1981): A simple theory of weak Hydraulic Jumps. Progress Report No. 54, Inst. of Hydrodynamics and hydraulic Engineering, ISVA, Techn. Univ. Denmark, pp. 29-32. |
| Englelund, F. | A sediment transport model for straight alluvial channels. | Englelund, F. and Fredsoe, J (1976): A sediment transport model for straight alluvial channels. Nordic Hydrology 7:293-306. |
| EPA | Saving Louisiana's Coastal Wetlands: The Need For a Long-Term Plan of Action | EPA. (1987). Saving Louisiana's Coastal Wetlands: The Need For a Long-Term Plan of Action. United States Environmental Protection Agency. A Report of the Louisiana Protection Panel held in Grand Terre Island, September 17-19, 1985. pp 49. |
| EPA | Diversion into the Maurepas Swamps, a complex project under the coastal planning, protection, and restoration act | Environmental Protection Agency, Region 6. Diversion into the Maurepas Swamps, a complex project under the coastal planning, protection, and restoration act. Prepared by: Lee Wilson & Associates, Inc. Santa Fe, NM, with: Drs. G. Shaffer, M. Hester, P. Kemp, H. Mashrique, J. Day and R. Lane. Final Report presented June 2001. Available online: http://www.epa.gov/earth1r6/6wq/ecopro/em/cwppra/maurepas/a_maur_report2.pdf. |
| EPA | Assessment of potential water and sediment quality impacts resulting from the Bonnet Carré freshwater diversion reanalysis alternative | EPA, 1995. Assessment of potential water and sediment quality impacts resulting from the Bonnet Carré freshwater diversion reanalysis alternative. Prepared by the Bonnet Carré Reanalysis Technical Team, U.S. Environmental Protection Agency, Region 6, Dallas, TX. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Evers, D.E. | The impact of vertebrate herbivores on wetland vegetation in Atchafalaya Bay, Louisiana. | Evers, D.E., Sasser, C.E., Gosselink, J.G., Fuller, D.A., and Visser, J.M. 1998. The impact of vertebrate herbivores on wetland vegetation in Atchafalaya Bay, Louisiana. Estuaries, 21: 1-13. |
| Fanos, A.M. | The Impact of human activities on the erosion and accretion of the Nile delta coast. | Fanos, A.M., 1995. The Impact of human activities on the erosion and accretion of the Nile delta coast. J. Coast. Res. 11, 821–833. |
| Fedsoe, J. | Shapes and dimensions of stationary dunes in rivers. | Fedsoe, J. (1982): Shapes and dimensions of stationary dunes in rivers. J. Hydr. Div., ASCE, 108(HY8):932-947. |
| Ferina, N. F. | Preliminary Assessment of Recent Deposition Related to a Crevasse Splay on the Mississippi River Delta: Implications for Coastal Restoration | Ferina, N. F., Flocks, J. G., Kindingerl, J. L., Miner, M. D., Motti, J. P., Chadwick, P. C., Johnston, J. C. (2005). Preliminary Assessment of Recent Deposition Related to a Crevasse Splay on the Mississippi River Delta: Implications for Coastal Restoration. Proceedings from the 56th Annual Convention of the Gulf Coast Association of Geological Societies, Lafayette, Louisiana, September 25-27, 2006. |
| Fernandez-Luque, R | Erosion and transport of bed-load sediment. | Fernandez-Luque, R (1974): Erosion and transport of bed-load sediment. Dissertation KRIPS Repro BV, Meppel, The Netherlands. |
| Fink, D. F | Hydrology and Nutrient Biogeochemistry in a Created River<br>Diversion Oxbow Wetland | Fink, D. F., and W. J. Mitsch. 2007. Hydrology and Nutrient Biogeochemistry in a Created River<br>Diversion Oxbow Wetland. Ecological Engineering 30, no. 2: 93-102. |
| Finkl, C. W | Saving America's Wetland: Strategies for Restoration of Louisiana's Coastal Wetlands and Barrier Islands | Finkl, C. W., and S. M. Khalil.. 2005. Saving America's Wetland: Strategies for Restoration of Louisiana's Coastal Wetlands and Barrier Islands - Introduction. Journal of Coastal Research: 2-6. |
| Finkl, Charles | Fluvial Sand Sources for Barrier Island Restoration in Louisiana: Geotechnical Investigations in the Mississippi River | |
| Fisher, W. S | Influence of altered freshwater flows on eastern oysters | Fisher, W. S., and J. T. Winstead. 2005. Influence of altered freshwater flows on eastern oysters. Journal<br>of Shellfish Research 24, no. 2: 654. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Fishman MJ | Methods of analysis by the U.S. Geological Survey National Water Quality Laboratory; determination of inorganic and organic constituents in water and fluvial sediments | Fishman MJ (1993) Methods of analysis by the U.S. Geological Survey National Water Quality Laboratory; determination of inorganic and organic constituents in water and fluvial sediments. U.S. Geological Survey Open-File Report 93-125 |
| Fisk, H. N | Sedimentary framework of the modern Mississippi delta | Fisk, H. N., E. McFarlan, JR., C. R. Kolb, and J. L. Wilbert, Jr. 1954. Sedimentary framework of the modern Mississippi delta. Journal of Sedimentary Petrology 24:76–99. |
| Fisk, H. N. | Bar-finger sands of the Mississippi delta | Fisk, H. N. 1961. Bar-finger sands of the Mississippi delta, p. 29– 52. In Geometry of Sandstone Bodies. American Association of Petroleum Geologists. Tulsa, Oklahoma. |
| Flores, F. | Structure, litter fall, decomposition, and detritus dynamics of mangroves in a Mexican coastal lagoon with an ephemeral inlet | Flores, F., J. Day, and R. Brese o. 1987. Structure, litter fall, decomposition, and detritus dynamics of mangroves in a Mexican coastal lagoon with an ephemeral inlet. Marine Ecology Progress Series. 35:83-90. |
| Flores-Verdugo, F. | Phytoplankton production and seasonal biomass variation of seagrass Ruppis maritima L. in a tropical Mexican lagoon with an ephemeral inlet | Flores-Verdugo, F., J. Day, L. Mee, and R. Brise o-Due as. 1988. Phytoplankton production and seasonal biomass variation of seagrass Ruppis maritima L. in a tropical Mexican lagoon with an ephemeral inlet. Estuaries. 11: 51-56. |
| Flynn, K.M. | Recovery of freshwater marsh vegetation after a saltwater intrusion event. | Flynn, K.M., Mckee, K.L., and Mendelssohn, I.A. 1995. Recovery of freshwater marsh vegetation after a saltwater intrusion event. Oecologia. 103: 63-72. |
| Ford SE | Effects of salinity on survival of the MSX parasite Haplosporidium nelsoni (Haskin, Stauber, and Mackin) in oysters | Ford SE (1985) Effects of salinity on survival of the MSX parasite Haplosporidium nelsoni (Haskin, Stauber, and Mackin) in oysters. J Shellfish Res 5(2):85–90 |
| Ford, M.A. | Restoring marsh elevation in a rapidly subsiding salt marsh by thin layer deposition of dredged material | Ford, M.A., D.R. Cahoon and J.C. Lynch. 1999. Restoring marsh elevation in a rapidly subsiding salt marsh by thin layer deposition of dredged material. Ecological Engineering 12:189-205. |
| Fortner, B | Mississippi diversion | Fortner, B. 2000. Mississippi diversion. Civil Engineering 70, no. 5: 46-51. |
| Fox, J.F. | Intermediate-disturbance hypothesis | Fox, J.F., and Connell, J.H. 1979. Intermediate-disturbance hypothesis, Science, 204:1344-1345. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Fraser, L.H. | The World's Largest Wetlands: Ecology and Conservation. | Fraser, L.H., and Keddy, P.A. (editors). 2005The World's Largest Wetlands: Ecology and Conservation. Cambridge University Press, Cambridge, UK. |
| Frazier, D. E. | Recent deposits of the Mississippi River, their development and chronology | Frazier, D. E. 1967. Recent deposits of the Mississippi River, their development and chronology. Gulf Coast Association of Geological Societies Transactions 17, 287-311. |
| Frazier, D.E. | Recent deltaic deposits of the Mississippi River: their development and chronolog | Frazier, D.E. 1967. Recent deltaic deposits of the Mississippi River: their development and chronology. Gulf Coast Assoc. Geol. Soc. Trans. 27: 287-315. |
| Fredsoe, J | Mean current velocity distribution in combined waves and current. | Fredsoe, J. (1981): Mean current velocity distribution in combined waves and current. Progress Report No. 53, Inst. of Hydrodynamics and Hydraulic Engineering, ISVA, Techn. Univ. Denmark, pp 21-26. |
| Fredsoe, J. | Unsteady flow in straight alluvial streams: Part 2. Transition from dunes to plane bed. | Fredsoe, J. (1979): Unsteady flow in straight alluvial streams: Part 2. Transition from dunes to plane bed. J. Fluid Mech., 102:431-453. |
| Fredsoe, J. | Unsteady flow in straight alluvial streams: modification of individual dunes. | Fredsoe, J. (1979): Unsteady flow in straight alluvial streams: modification of individual dunes. J. Fluid Mech., Vol. 91, part 3, pp497-512. |
| Fredsoe, J. | The development of oblique dunes, part 4. | Fredsoe, J. (1974): The development of oblique dunes, part 4. Progress Report No. 33, Inst. of Hydrodynamics and Hydraulic Engineering, ISVA, Techn. Univ. of Denmark, pp. 25-39. |
| Fredsoe, J. | The development of oblique dunes, part 3. | Fredsoe, J. (1974): The development of oblique dunes, part 3. Progress Report No. 33, Inst. of Hydrodynamics and Hydraulic Engineering, ISVA, Techn. Univ. of Denmark, pp. 15-22. |
| Gabrey, S.W. | Impacts of the nutria removal program on the diet of American Alligators (Alligator mississippiensis) in south Louisiana. | Gabrey, S.W. 2005. Impacts of the nutria removal program on the diet of American Alligators (Alligator mississippiensis) in south Louisiana. Report to Louisiana Department of Wildlife and Fisheries. Baton Rouge, LA, USA. |
| Gagliano | Land loss in the Mississippi river deltaic plain | Gagliano, Sherwood, Meyer-Arendt, Klaus J., Wicker, Karen M.1981. Land loss in the Mississippi river deltaic plain. Transaction-gulf coast association of geological societies. Vol. 31:295-300. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Gagliano, S. M | Geological Characterization of Potential Receiving Areas for the Central and Eastern Terrebonne Basin Freshwater Delivery Project | Gagliano, S. M., and K.M. Wicker. 2003. Geological Characterization of Potential Receiving Areas for the Central and Eastern Terrebonne Basin Freshwater Delivery Project, Baton Rouge, LA. |
| Gagliano, S. M. | Land Loss in the Mississippi River deltaic Plain. | Gagliano, S. M., Meyer-Arendt, and Wicker 1981. Land Loss in the Mississippi River deltaic Plain. |
| Gagliano, S. M. | A Long-Term Plan for Louisiana's Coastal Wetlands. | Gagliano, S. M., van Beek, J. L., (1993). A Long-Term Plan for Louisiana's Coastal Wetlands. Louisiana Department of Natural Resources: Office of Coastal Restoration and Management. Baton Rouge, Louisiana. pp 20. |
| Gagliano, S.M | Geologic and geomorphic aspects of deltaic processes, Mississippi Delta system. Hydrologic and Geologic Studies of Coastal Louisiana Series | Gagliano, S.M., and J.L. van Beek. 1970. Geologic and geomorphic aspects of deltaic processes, Mississippi Delta system. Hydrologic and Geologic Studies of Coastal Louisiana Series, Report No. 1. Center for Wetland Resources, Louisiana State University, Baton Rouge, Louisiana. New Orleans District Corps of Engineers Contr. No. DACW 29-600-C-0092, 140 pp. |
| Galappatti, G. | A depth-integrated model for suspended sediment transport | Galappatti, G. and Vreugdenhil, C.B. (1985): A depth-integrated model for suspended sediment transport. J Hydraul. Res., 23(4):359-377. |
| Galler, J. J. | Estrarine controls on fine-grained sediment storage in the lower Mississippi and Atchafalaya Rivers | Galler, J. J., Allison, M. A. (2007) Estrarine controls on fine-grained sediment storage in the lower Mississippi and Atchafalaya Rivers. Geological Society of America Bulletin; March/April 2008; v. 120; no. 3/4; p. 386–398. |
| Garcia, M. | Entrapment of bed sediment into suspension. | Garcia, M. and Parker G. (1991): Entrapment of bed sediment into suspension. Proc. ASCE, J. Hydr. Div., 1174):414-435. |
| Geho, E.M. | Quantifying ecological filters: the relative impact of herbivory, neighbours, and sediment on an oligohaline marsh. | Geho, E.M., Campbell, D., Keddy, P.A. 2007. Quantifying ecological filters: the relative impact of herbivory, neighbours, and sediment on an oligohaline marsh. Oikos. In press. |
| Georgiou, I | Hydrodynamic and Salinity Modeling in the Pontchartrain Basin: Assessment of Freshwater Diversions at Violet with MRGO Modifications | Georgiou, I., 2007. Hydrodynamic and Salinity Modeling in the Pontchartrain Basin: Assessment of Freshwater Diversions at Violet with MRGO Modifications. Final Report. August, 2007. |
| Geyer, W.R | The transport, transformation and dispersal of sediment by buoyant coastal flows. | Geyer, W.R., Hill, P.S., Kineke, G.C., 2004. The transport, transformation and dispersal of sediment by buoyant coastal flows. Continental Shelf Research 24, 927–949. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Gibbs, R. J. | Amazon River sediment transport in the Atlantic Ocean. | Gibbs, R. J. 1976. Amazon River sediment transport in the Atlantic Ocean. Geology January:45–48. |
| Gibbs, R.J | Coagulation and transport of sediment in the Gironde Estuary | Gibbs, R.J., Tsudy, D.M., Konwar, L., and Martin, J.M., 1989, Coagulation and transport of sediment in the Gironde Estuary: Sedimentology, v. 36, p. 987–999, |
| Gibbs, RJ | The relationship between sphere size and settling velocity | Gibbs, RJ, MD Matthews & D A Link (1971): The relationship between sphere size and settling velocity. J Sed Petrology, Vol 4, pp 7-18. |
| Gilbert GK | The transportation of debris in flowing water. | Gilbert GK (1914): The transportation of debris in flowing water. US Geol Survey, Prof Paper 86. |
| Gillanders B. M. | Impact of changes in flow of freshwater on estuarine and open coastal habitats and the associated organisms | Gillanders BM, Kingsford MJ (2002) Impact of changes in flow of freshwater on estuarine and open coastal habitats and the associated organisms. Oceanogr Mar Biol Annu Rev 40:233–309 |
| Gleason, M.L | Effect of stem density upon sediment retention by salt marsh cord grass, Spartina alterniflora loisel | Gleason, M.L., Elmer, D.A., Pien, N.C., Fisher, J.S., 1979. Effect of stem density upon sediment retention by salt marsh cord grass, Spartina alterniflora loisel. Estuaries 2, 271"/273. |
| Godfrey, R.K. | Aquatic and Wetland Plants of the Southeastern United States. | Godfrey, R.K., and Wooten, J.W. 1981. Aquatic and Wetland Plants of the Southeastern United States. University of Georgia Press. Athens, GA, USA. |
| Gonzales, J. L. | Coastal Louisiana in crisis: Subsidence or sea level rise? | Gonzales, J. L. & Törnqvist, T. E. Coastal Louisiana in crisis: Subsidence or sea level rise? Eos 87, 493_498 (2006). |
| Goolsby, D. A | Distribution of selected herbicides and nitrate in the Mississippi River and its major tributaries | Goolsby, D. A., R. C. Coupe and K. J. Markovchick, 1991. Distribution of selected herbicides and nitrate in the Mississippi River and its major tributaries, April through June 1991. Water Resources Investigations Report 91-4163. U.S. Geological Survey, Denver, CO. |
| Goolsby, D.A. | Long-term changes in concentrations and flux of nitrogen in the Mississippi River Basin | Goolsby, D.A. and Battaglin, W.A. (2001) Long-term changes in concentrations and flux of nitrogen in the Mississippi River Basin, USA. Hydrological Processes, 15:1209-26. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Gordon , D. C. | Sedimentation Study of the Mississippi River Schenimann Chute Mississippi River Mils 63 to 57, Hydraulic Micro Model Investigation. Volume 1: Final Technical Report | US Army Core of Engineers (2000). Sedimentation Study of the Mississippi River Schenimann Chute Mississippi River Mils 63 to 57, Hydraulic Micro Model Investigation. Volume 1: Final Technical Report. (USACE Publication #A049873), St Louis District; Gordon , D. C., Devinroy, R. D. pp 38 |
| Gordon, E. S | Controls on the distribution and accumulation of terrigenous organic matter in sediments from the Mississippi and Atchafalaya river margin | Gordon, E. S., and M. A. Goni (2004), Controls on the distribution and accumulation of terrigenous organic matter in sediments from the Mississippi and Atchafalaya river margin, Mar. Chem., 92, 331– 352. |
| Gordon, P. | Mercatus Policy Series: Building Walls Against Bad Infrastructure Policy in New Orleans | Gordon, P., Little, R. (2009) Mercatus Policy Series: Building Walls Against Bad Infrastructure Policy in New Orleans. Mercatus Center: George Mason University. Arlington, VA. pp. 18. |
| Gosselink, J. G | Comments on "Wetland Loss in the Northern Gulf of Mexico: Multiple Working Hypotheses." | Gosselink, J. G. (2001). Comments on "Wetland Loss in the Northern Gulf of Mexico: Multiple Working Hypotheses." By R. E. Turner. 1997. Estuaries. Vol. 24, No. 4, p. 636-651. |
| Gough, L. | The relationship between species richness and community biomass: the importance of environmental variables. | Gough, L., Grace, J.B., and Taylor, K.L. 1994. The relationship between species richness and community biomass: the importance of environmental variables. Oikos, 70: 271-279. |
| Gough, L. | Effects of flooding, salinity, and herbivory on coastal plant communities | Gough, L., and Grace, J.B. 1998. Effects of flooding, salinity, and herbivory on coastal plant communities, Louisiana, USA. Oecologia. 117: 527-535. |
| Gould, H.R | The Mississippi delta complex | Gould, H.R., 1970. The Mississippi delta complex. In: Morgan, J.P. (Ed.), Deltaic sedimentation: Modern and ancient; Society of Economic Paleontologists and Mineralogists Special Publication vol. 15, pp. 3–30. |
| Grace, J.B. | The potential impact of herbivores on the susceptibility of the marsh plant Sagittaria lancifolia to saltwater intrusion in coastal wetlands. | Grace, J.B., and Ford, M.A. 1996. The potential impact of herbivores on the susceptibility of the marsh plant Sagittaria lancifolia to saltwater intrusion in coastal wetlands. Estuaries, 19: 13-20. |
| Grace, J.B. | A structural equation model of plant species richness and its application to a coastal wetland. | Grace, J.B., and Pugesek, B.H. 1997. A structural equation model of plant species richness and its application to a coastal wetland. Am. Nat. 149: 436-460. |
| Grant, W. D | Combined wave and current interaction with a rough bottom. | Grant, W. D. and Madsen, O.S. (1979): Combined wave and current interaction with a rough bottom. J. Geophys. Res., 84 (C4): 1797-1120. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Grant, W.D. | Madsen, O.S | Grant, W.D. and Madsen, O.S. (1979): Combined wave and ccurrent interaction with a rough bottom. J. Geophys. Res, 84 (C4): 1797-1808. |
| Guillory, V | Relationship of Blue Crab Commercial Landings and Recruitment to River Discharge and Salinity | Guillory, V., 1999. Relationship of Blue Crab Commercial Landings and Recruitment to River Discharge and Salinity, Proceedings of the Annual Conference of the Southeastern Association of Fish and Wildlife Agencies 53:1-7. |
| Gunter, G | Wildlife and Flood Control in the Mississippi Valley | Gunter, G., 1957. Wildlife and Flood Control in the Mississippi Valley, Transactions of the Twenty-second North American Wildlife Conference, March 4-6, 1957, Published by the Wildlife Management Institute, Wire Building, Washington 5, D.C. |
| Gunter, G. | Historic changes in the Mississippi River and the adjacent marine environment. | Gunter, G. (1952). Historic changes in the Mississippi River and the adjacent marine environment. Pub. Inst. Marine Sci., 2:2 pp119-138. |
| Gunter, G. | The relationship of the Bonnet Carre Spilway to oyster beds in Mississippi Sound and the “Louisiana Marsh” with a report on the 1950 opening and a study of beds in the vicinity of the Bohemia Spilway and Baptiste Collette Gap | Gunter, G. (1950). The relationship of the Bonnet Carre Spilway to oyster beds in Mississippi Sound and the “Louisiana Marsh” with a report on the 1950 opening and a study of beds in the vicinity of the Bohemia Spilway and Baptiste Collette Gap. Mim. Rept., pp1-60. New Orleans District, Corps of Engineers, U. S. Army. |
| Guy, H P | Summary of alluvial channel data from flume experiments, | Guy, H P, D B Simons, & E V Richardson (1966): Summary of alluvial channel data from flume experiments, 1956-1961. US Geological Survey, Prof paper 462-I, Washington DC. |
| Guy, H.P | Summary of alluvial channel data from flume experiments, | Guy, H.P., Simons, D.B. and Richardson, E.V. (1966): Summary of alluvial channel data from flume experiments, 1956-1961. U.S. Geological Survey Professional Paper, 462-I. |
| Habib, Emad | Assessing Effects of Data Limitations on Salinity Forecasting in Barataria Basin, Louisiana, with a Bayesian Analysis | |
| Hall, C | Ecosystem modeling in theory and practice | Hall, C., and J. Day, eds. 1977. Ecosystem modeling in theory and practice. Wiley Interscience, New York. 684 p. |
| Hammond, T M | On the threshold of transport and sand-sized sediment under the combined influence of unidirectional and oscillatory flows. | Hammond, T M & M B Collins (1979): On the threshold of transport and sand-sized sediment under the combined influence of unidirectional and oscillatory flows. Sedimentology, Vol 26, pp 795-812. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Hanes, D M | Observations of rapidly flowing granular fluid materials. | Hanes, D M & D L Inman (1985a): Observations of rapidly flowing granular fluid materials. J Fluid Mech, Vol 150, 357-380. |
| Hanes, D M | A granular fluid model for steady intense bed-load transport. | Hanes, D M & A J Bowen (1985): A granular fluid model for steady intense bed- load transport. J Geophys Res, Vol 90, No C5, pp 9149-9158. |
| Hanes, D M | A dynamic yield criterion for granular fluid flows. | Hanes, D M & D L Inman (1985b): A dynamic yield criterion for granular fluid flows. J Geophys Res, Vol 90, No B5, 3670-3674. |
| Hanes, D.M. | The Structure of Intermittent Sand Suspension Events Under Mild Wave Conditions. | Hanes, D.M. (1989): The Structure of Intermittent Sand Suspension Events Under Mild Wave Conditions. Proc. IAHR Symp. On Sediment Transport Modeling, ASCE, New Orleans, Louisiana. |
| Happ, H. | The Seasonal Distribution of Organic Carbon in a Louisiana Estuary | G. Happ, J. Gosselink and J. Day. 1977. The Seasonal Distribution of Organic Carbon in a Louisiana Estuary. Estuarine and Coastal Marine Science 5:695-705. |
| Harbor DJ | Dynamics of bedforms in the Lower Mississippi River | Harbor DJ. 1998. Dynamics of bedforms in the Lower Mississippi River. Journal of Sedimentary Research 68: 750–762. |
| Hardistry, J | Experiments in particle wave acceleration in stationary and oscillating flows | Hardistry, J & J P Lowe (1991): Experiments in particle wave acceleration in stationary and oscillating flows. J Hydraulic Engineering, A S C E, Vol 117. |
| Harmar, O. P. | Platform Dynamics of the Lower Mississippi River | Harmar, O. P., Clifford, N. J. (2006). Platform Dynamics of the Lower Mississippi River. Earth Surface Processes and Landforms. Vol. 31 pp 825–843. |
| Harmar, O.P. | Morphological and Process Dynamics of the Lower Mississippi River | Harmar, O.P. 2004. Morphological and Process Dynamics of the Lower Mississippi River. Ph.D. Dissertation, University of Nottingham, |
| Harter, S. K | Patterns of Short-Term Sedimentation in a Freshwater Created Marsh | Harter, S. K., and W. J. Mitsch. 2003. Patterns of Short-Term Sedimentation in a Freshwater Created Marsh. Journal of Environmental Quality 32, no. 1: 325-34. |
| Haskin HH | Haplosporidium nelsoni (MSX) on Delaware Bay seed oyster beds: a host-parasite relationship along a salinity gradient | Haskin HH, Ford SE (1982) Haplosporidium nelsoni (MSX) on Delaware Bay seed oyster beds: a host-parasite relationship along a salinity gradient. J Invertebr Pathol 40(3): 388–405 |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Hatton R. S. | Sedimentation, accretion and subsidence in marshes of Barataria Basin, Louisiana. | Hatton RS, DeLaune RD, Patrick WH Jr (1983) Sedimentation, accretion and subsidence in marshes of Barataria Basin, Louisiana. Limnol Oceanogr 28:494–502 |
| Hatton, R. S | Sedimentation, nutrient accumulation, and early diagenesis in I.ouisiana Barataria Basin Coastal Marshes | Hatton, R. S., W. H. Patrick, and R. D. Delaun. 1982. Sedimentation, nutrient accumulation, and early diagenesis in I.ouisiana Barataria Basin Coastal Marshes. In Kennedy (ed.), Estuarine Comparisons. Academic Press, New York. |
| Hensel, P.F | Short-term sedimentation dynamics in the Rhone River delta, France: the importance of riverine pulsing. | Hensel, P.F., Day, Jr., J.W., Pont, D., Day, J.N., 1998. Short-term sedimentation dynamics in the Rhone River delta, France: the importance of riverine pulsing. Estuaries 21, 52-65. |
| Hensel, P.R | Wetland vertical accretion and soil elevation change in the Rhone River delta, France: the importance of riverine flooding | Hensel, P.R., J. W. Day, Jr., and Pont, D. 1999. Wetland vertical accretion and soil elevation change in the Rhone River delta, France: the importance of riverine flooding. Journal of Coastal Research 15(3): 668-681. |
| Hesse, I | Long-term growth enhancement of baldcypress (Taxodium distichum) from nunicipal wastewater application | Hesse, I., T. Doyle, and J. Day. 1998. Long-term growth enhancement of baldcypress (Taxodium distichum) from nunicipal wastewater application. Environmental Management. 22:119-127. |
| Hester, M.W. | Species and population variation to salinity stress in Panicum hemitomon, Spartina patens, and Spartina, alterniflora: morphological and physiological constraints. | Hester, M.W., Mendelssohn, I.A., and Mckee, K.I., 2001. Species and population variation to salinity stress in Panicum hemitomon, Spartina patens, and Spartina, alterniflora: morphological and physiological constraints. Environ. Exp. Bot. 46: 277-297. |
| Hester, M.W. | Intrspecific variation in salt tolerance and morphology in Pancium hemitomon and Spartina alterniflora (Poaceae). | Hester, M.W., Mendelssohn, I.A., and Mckee, K.I., 1998. Intraspecific variation in salt tolerance and morphology in Pancium hemitomon and Spartina alterniflora (Poaceae). Int. J. Plant Sci. 159: 127-138. |
| Hey | Reducing nitrogen loading to the Gulf of Mexico from the Mississippi River basin: Strategies to counter a persistent ecological problem | Hey, G. W. Randall, and N. Wang. 2001. Reducing nitrogen loading to the Gulf of Mexico from the Mississippi River basin: Strategies to counter a persistent ecological problem. BioScience 51:373–388. |
| Holm, G.O., Jr. | Vertical Movement and Substrate Characteristics of Oligohaline Marshes Near a High- Sediment, Riverine System | Holm, G.O., Jr., C.E. Sasser, G.W. Peterson, and E.M. Swenson. 2000. Vertical Movement and Substrate Characteristics of Oligohaline Marshes Near a High- Sediment, Riverine System. Journal of Coastal Research 16(1): 164-171. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Hook, D.D | The ecology and management of wetlands: Volume1: Ecology of wetlands. | Hook, D.D., McKee, W.H. Jr., Smith, H.K., Gregory, J., Burrell, V. G. Jr., DeVoe, M. R., Sojka, R. E., Gilbert, S., Banks, R., Stolzy, L. H., Brooks, Matthews, T. D., and Shear, T. H. 1988.The ecology and management of wetlands: Volume1: Ecology of wetlands. |
| Hopkinson, C. | Modeling hydrology and eutrophication in a Louisiana swamp | C. Hopkinson and J. Day. 1980. Modeling hydrology and eutrophication in a Louisiana swamp. Environmental Management 4(4):325-335). |
| Horikawa, K | Sediment transport under sheet flow condition. | Horikawa, K, A Wantanabe & S Katori (1982): Sediment transport under sheet flow condition. Proc 18th Int Conf on Coastal Eng, Capetown, pp 1335-1352. |
| Horikawa, K. | Coastal sediment processes. | Horikawa, K. (1981): Coastal sediment processes. Ann. Rev. Fluid Mech., 13:9-32. |
| Horikawa, K. | Sediment transport under sheet flow condition. | Horikawa, K., Watanabe, A. and Katori, S. (1982): Sediment transport under sheet flow condition. Proc. 18th Coastal Eng. Conf., ASCE, 2:1335-1352. |
| Horowitz, A.J | Estimating suspended sediment and trace element fluxes in the Mississippi, Columbia, Colorado and Rio Grande drainage basins | Horowitz, A.J., Kelrick, K.A., and Smith, J.J., 2001, Estimating suspended sediment and trace element fluxes in the Mississippi, Columbia, Colorado and Rio Grande drainage basins: Hydrological Processes, v. 15, p. 1169–1207. |
| Horowitz, A.J. | Annual suspended sediment and trace element fluxes in the Mississippi, Colorado, and Rio Grande drainage basins. | Horowitz, A.J., Elrick, K.A. and Smith, J.J. (2001) Annual suspended sediment and trace element fluxes in the Mississippi, Colorado, and Rio Grande drainage basins. Hydrological Processes, 15:1169-1207. |
| Horowitz, A.J. | The effects of the “Great Flood of 1993” on subsequent suspended sediment concentrations and fluxes in the Mississippi River Basin, USA | Horowitz, A.J., 2006, The effects of the “Great Flood of 1993” on subsequent suspended sediment concentrations and fluxes in the Mississippi River Basin, USA, in Sediment dynamics and the hydromorphology of fluvial systems: International Association of Hydrological Sciences Publication 306, p. 110–119. |
| Howard, R.J | Salinity as a constraint on growth of oligohaline marsh macrophytes. Species variation in stress tolerance. | Howard, R.J., and Mendelssohn, I.A. 1999. Salinity as a constraint on growth of oligohaline marsh macrophytes. Species variation in stress tolerance. Am J. Bot. 86: 785-794. |
| Hudson P. F. | Channel migration and meander-bend curvature in the Lower Mississippi River prior to major human modification | Hudson PF, Kesel RH. 2000. Channel migration and meander-bend curvature in the Lower Mississippi River prior to major human modification. Geology 28: 531–534. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Huh, O.K | Sedimentation along the eastern Cheneir Plain coast: down drift impact of a delta complex shift | Huh, O.K., Walker, N.D., Moeller, C., 2001. Sedimentation along the eastern Cheneir Plain coast: down drift impact of a delta complex shift. Journal of Coastal Research 17, 72–81. |
| Hurly, P. M | K-Ar Age Studies of Mississippi and Other River Sediments | Hurly, P. M., Brookins, D. G., Pinson, W. H., Hart, S. R., Fairbairn, H. W. (1961) K-Ar Age Studies of Mississippi and Other River Sediments. GSA Bulletin. 72:12 p 1807-1816. |
| Hyfield, E | Changes in stoichiometric Si, N, and P ratios of Mississippi River water diverted through coastal wetlands to the Gulf of Mexico | Hyfield, E., 2004. Changes in stoichiometric Si, N, and P ratios of Mississippi River water diverted through coastal wetlands to the Gulf of Mexico. Estuarine Coast. Shelf Sci. 60, 1–10. |
| Hyfield, E. C. G | Freshwater and Nutrient Inputs to a Mississippi River Deltaic Estuary with River Re-Introduction | Hyfield, E. C. G. 2004. "Freshwater and Nutrient Inputs to a Mississippi River Deltaic Estuary with River Re-Introduction." Louisiana State University |
| Hyfield, E. C. G. | The Impacts of Re-introducing Mississippi River Water on the Hydrologic Budget and Nutrient Inputs of a Deltaic Estuary | Hyfield, E. C. G., Day, J. W., Cable, J. E., Justic, D. (2008). The Impacts of Re-introducing Mississippi River Water on the Hydrologic Budget and Nutrient Inputs of a Deltaic Estuary. Ecological Engineering Vol. 32. pp 347-359. |
| Hyfield, Emily C. G | A feasibility analysis of discharge of non-contact, once-through industrial cooling water to forested wetlands for coastal restoration in Louisiana | Hyfield, Emily C. G.,Day, John, Mendelssohn, Irving, and Kemp, G. Paul. 2006. A feasibility analysis of discharge of non-contact, once-through industrial cooling water to forested wetlands for coastal restoration in Louisiana. Ecological Engineering. 29:1:1-7 |
| Ippen, A.T. | Estuary and Coastline Hydrodynamics. | Ippen, A.T. (1966): Estuary and Coastline Hydrodynamics. McGraw-Hill Book Company, Inc., New York, St. Louis, Toronto, London, San Francisco, Sydney, 744 p. |
| Iwai, R. R | Denitrification Potential of Sediment from a Future Mississippi River Diversion Site in Louisiana | Iwai, R. R. 2002. "Denitrification Potential of Sediment from a Future Mississippi River Diversion Site in Louisiana." Louisiana State University. |
| Izzo, D | Reengineering the Mississippi | Izzo, D. 2004. Reengineering the Mississippi. Civil Engineering 74, no. 7: 38-+. |
| Jansen, RH J | The insitu measurement of sediment transport by means of ultrasound scattering | Jansen, R H J (1978): The insitu measurement of sediment transport by means of ultrasound scattering. Delt Hydraulic Lab Publication No 203. |
| Johnson, C. B | Capacity of Freshwater Marsh to Process Nutrients in Diverted Mississippi River Water | Johnson, C. B. 2004. "Capacity of Freshwater Marsh to Process Nutrients in Diverted Mississippi River Water." Louisiana State University. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Johnston CA | Nutrient dynamics in relation to geomorphology of riverine wetlands | Johnston CA, Bridgham SD, Schubauer-Berigan JP. 2001. Nutrient dynamics in relation to geomorphology of riverine wetlands. Soil Science Society of America Journal 65: 557–577. |
| Jones, W. D. | Clay Mineral Composition of Recent Sediments from the Mississippi River Delta | W. D. Jones and Grim, R. E. (1958) Clay Mineral Composition of Recent Sediments from the Mississippi River Delta. Journal of Sedimentary Research. 28:2 p 186-199. |
| Junk, W.J | The flood pulse concept in river-floodplain systems | Junk, W.J., Bayley, P.B., Sparks, R.E., 1989. The flood pulse concept in river-floodplain systems. Canadian Journal of Fisheries and Aquatic Sciences Special Publication 106, 111-127. |
| Justesen, P. | Distribution of turbulence and suspended sediment in the wave boundary layer. | Justesen, P. and Fredsoe, J. (1985) Distribution of turbulence and suspended sediment in the wave boundary layer. Progress Report No. 62, Inst. of Hydrodynamics and Hydraulic Engineering. ISVA, Techn. Univ. Denmark, pp. 61-67. |
| Justic', D | Seasonal coupling between riverborne nutrients, net productivity and hypoxia | Justic', D., N.N. Rabalais, R.E. Turner, and W.J. Wiseman, Jr. 1993. Seasonal coupling between riverborne nutrients, net productivity and hypoxia. Marine Pollution Bulletin 26(4):184-189. |
| Justic', D | Riverborne nutrients, hypoxia and coastal ecosystem evolution: Biological responses to long-term changes in nutrient loads carried by the PO and Mississippi Rivers. | Justic', D., N.N. Rabalais, and R.E. Turner. 1994. Riverborne nutrients, hypoxia and coastal ecosystem evolution: Biological responses to long-term changes in nutrient loads carried by the PO and Mississippi Rivers. Pages 161-167 in K.R. Dyer and R.J. Orth (eds.), Changes in Fluxes in Estuaries: Implications from Science to Management. Proceedings of ECSA22/ERF Symposium, International Symposium Series, Olsen & Olsen, Fredensborg, Denmark. |
| Justic', D | Stoichiometric nutrient balance and origin of coastal eutrophication. | Justic', D., N.N. Rabalais, and R.E. Turner. 1995b. Stoichiometric nutrient balance and origin of coastal eutrophication. Marine Pollution Bulletin 30(1):41-46. |
| Kandalepas, D. | Classification of wetland vegetation types in the northwestern portion of Lake Pontchartrain Basin, LA. | Kandalepas, D. 2004. Classification of wetland vegetation types in the northwestern portion of Lake Pontchartrain Basin, LA. USA. M.Sc. thesis, southeastern Louisiana University, Hammond, LA, USA. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Kawai | Diversion ratios of bed load and water discharge to a diversion channel with rigid bed. Doboku Gakkai Rombun-Hokokushu | Kawai, Shigeru, and Kazuo Ashida. 1989. Diversion ratios of bed load and water discharge to a diversion channel with rigid bed. Doboku Gakkai Rombun-Hokokushu/Proceedings of the Japan Society of Civil Engineers 405, no. 2-11: 139-46. |
| Keddy, P.A. | Wetland Ecology: Principles and Conservation | Keddy, P.A. 2000. Wetland Ecology: Principles and Conservation. Cambridge University Press, Cambridge, UK. |
| Keddy, P.A. | The Wetlands of Lakes Pontchartrain and Maurepas: Past, Present and Future | Keddy, P.A., D. Campbell, T. McFalls, G.P. Shaffer, R. Moreau, C. Dragnet, R. Heleniak.2007.The Wetlands of Lakes Pontchartrain and Maurepas: Past, Present and Future. NRC Research Press. |
| Keddy, P.A. | Assembly and response rules: two goals for predictive community ecology. | Keddy, P.A. 1992. Assembly and response rules: two goals for predictive community ecology. J. Veg. Sci. 3: 157-164. |
| Kemble N. E. | Assessing Sediment Toxicity from Navigational Pools of the Upper Mississippi River Using a 28-Day Hyalella azteca Test | Kemble N. E., Brunson E. L.,Canfield T. J., Dwyer F. J., Ingersoll C. G. (1998). Assessing Sediment Toxicity from Navigational Pools of the Upper Mississippi River Using a 28-Day Hyalella azteca Test. Archives of Environmental Contamination and Toxicology, 35:2 181-190. |
| Kemp, G.P | Effects of flooding on decomposition and nutrient cycling in a Louisiana swamp forest | Kemp, G.P., Conner, W. H., Day, J. W., Jr. 1985. Effects of flooding on decomposition and nutrient cycling in a Louisiana swamp forest. Wetlands 5, 35-51. |
| Kemp, G.P | Nutrient dynamics in a Louisiana swamp receiving agricultural runoff | Kemp, G.P., W.H. Conner, and J.W. Day, Jr. 1985. Nutrient dynamics in a Louisiana swamp receiving agricultural runoff. Pages 286-293 in K.C. Ewel and H.T. Odum (eds.), Cypress Swamps, University Presses of Florida, Gainsville, Florida. |
| Kennedy J.F. | The mechanics of dunes and antidunes in erodible-bed channels | Kennedy J F (1963): The mechanics of dunes and antidunes in erodible-bed channels. J Fluid Mech, Vol 16, pp 521-544. |
| Keown, M. P | Historic Trends in the Sediment Flow Regime of the Mississippi River | Keown, M. P., Jr. E.A. Dardeau, and E.M. Causey. 1986. Historic Trends in the Sediment Flow Regime of the Mississippi River. Water Resources Research 22: 1555-64. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Keown, M.P | Characterization of the Suspended- Sediment Regime and Bedload Gradation of the Mississippi River Basin | Keown, M.P., E.A. Dardeau, Jr., and E.M. Causey. 1981. Characterization of the Suspended- Sediment Regime and Bedload Gradation of the Mississippi River Basin. Volumes 1 and 2. Report 1, U.S. Army Corps of Engineers, Vicksburg, MS. |
| Kesel, R. H | Decline in the Suspended Load of the Lower Mississippi River and its Influence on Adjacent Wetlands | Kesel, R. H. 1988. Decline in the Suspended Load of the Lower Mississippi River and its Influence on Adjacent Wetlands. Environmental Geology and Water Sciences 11, no. 3: 271-81. |
| Kesel, R. H | A revised Holocene geochronology for the lower Mississippi valley. | Kesel, R. H. A revised Holocene geochronology for the lower Mississippi valley. Geomorphology 101, 78_89 (2008). |
| Kesel, R. H | Human Modifications to the Sediment Regime of the Lower Mississippi River Flood Plain | Kesel, R. H. 2003. Human Modifications to the Sediment Regime of the Lower Mississippi River Flood Plain. Geomorphology 56, no. 3-4: 325-34. |
| Kesel, R. H | Modifications to the Sediment Regime of the Lower Mississippi River Flood Plain | Kesel, R. H. 2003. Human Modifications to the Sediment Regime of the Lower Mississippi River Flood Plain. Geomorphology 56, no. 3-4: 325-34. |
| Kesel, R. H | The Role of the Mississippi River in Wetland Loss in Southeastern Louisiana, USA | Kesel, R. H. 1989. The Role of the Mississippi River in Wetland Loss in Southeastern Louisiana, USA. Environmental Geological Water Sciences 13, no. 3: 183-93. |
| Kesel, R. H | An Approximation of the Sediment Budget of the Lower Mississippi River Prior to Major Human Modification | Kesel, R. H., E. Yodis, and D. McCraw. 1992. An Approximation of the Sediment Budget of the Lower Mississippi River Prior to Major Human Modification. Earth Surface Processes and Landforms 17: 711-22. |
| Kesel, R. H | Local Case Studies of Wetland Loss | Kesel, R. H. et al. 1995. "Local Case Studies of Wetland Loss." In Status and Trends of Hydrologic Modification, Reduction in Sediment Availability and Habitat Loss/Modification in the Barataria-Terrebonne Estuarine System, D.Reed, ed., Barataria-Terrebonne Estuary Program 20:237-82. |
| Kesel, R. H. | Some Effects of Human Modifications on Sand-Bed Channels in Southwestern Mississippi, USA | Kesel, R. H., Yodis, E. G. (1992). Some Effects of Human Modifications on Sand-Bed Channels in Southwestern Mississippi, USA. Environ Geol Water Sci. Vol 20. No 2. pp 93-104. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Kesel, R. H. | Status and trends in Mississippi River sediment regime and its role in Louisiana wetland development | Kesel, R. H. and D. Reed. 1995. Status and trends in Mississippi River sediment regime and its role in Louisiana wetland development, p. 79–98. In D. J. Reed (ed.), Status and Historical Trends of Hydrologic Modification, Reduction in Sediment Availability, and Habitat Loss/Modification in the Barataria and Terrebonne Estuarine System. Barataria-Terrebonne National Estuary Program, Publication No. 20, |
| Khalid, R. A | Chemical Availability of Cadmium in Mississippi River Sediment | Khalid, R. A., Gambrell R. P., Patrick, W. H. Jr. (1981) Chemical Availability of Cadmium in Mississippi River Sediment. J of Environmental Quality 10, 523-528 |
| Kim, W | Coastal Louisiana Ecosystem Assessment & Restoration (CLEAR) Program: A Tool to Support Coastal Restoration Vol. IV, | Kim, W. et al. Coastal Louisiana Ecosystem Assessment & Restoration (CLEAR) Program: A Tool to Support Coastal Restoration Vol. IV, Ch. 10 (Final Report to Department of Natural Resources, Coastal Restoration Division, Contract No. 2512-06-02, 2008).. |
| Kimmerer, W.J | Physical, biological and management responses to variable freshwater flow into the San Francisco Estuary | Kimmerer, W.J. 2002. Physical, biological and management responses to variable freshwater flow into the San Francisco Estuary. Estuaries 25:1275-1290. |
| Kirkegaard Jensen, J. | Measurement of sediment suspension in combinations of waves and currents. | Kirkegaard Jensen, J. and Sorenson, T. (1972): Measurement of sediment suspension in combinations of waves and currents. Proc. 13th Int. Conf. Coast. Eng., Vancouver, Canada, 2:1097-1104. |
| Kirkegaard, Jensen | Measurement of sediment suspension in combinations of waves and currents. | Kirkegaard, Jensen, and Sorenson, T. (1972): Measurement of sediment suspension in combinations of waves and currents. Proc. 13th Int. Conf. Coast. Eng., Vancouver, Canada, 2:1097-1104. |
| Kitchens, W.F., Jr. | The Santee Swamp as a nutrient sink | Kitchens, W.F., Jr., Dean, J. M., Stevenson, L. H., Cooper, J. H. 1975. The Santee Swamp as a nutrient sink. In: Mineral cycling in southeastern ecosystems. Energy Research and Development Administration, ERDA Symposium Series 36. Washington, DC, pp. 349-366. |
| Kline, S J | The structure of turbulent boundary letters | Kline, S J, W C Reynolds, F A Schraub & P W Runstadler (1967): The structure of turbulent boundary layers. J Fluid Mech. Vol 30, 741-777. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Knox JC. | Long-term episodic changes in magnitudes and frequencies of floods in the Upper Mississippi River valley | Knox JC. 1999. Long-term episodic changes in magnitudes and frequencies of floods in the Upper Mississippi River valley. In Fluvial Processes and Environmental Change, Brown AG, Quine TA (eds). John Wiley & Sons: Chichester. |
| Koch, M.S | Mechanism for the hydrogen sulfide-induced growth limitation in wet-land macrophytes. | Koch, M.S., Mendelssohn, I.A., and McKee, K.L. 1990. Mechanism for the hydrogen sulfide-induced growth limitation in wet-land macrophytes. Limnol. Oceanogr. 35: 399-408. |
| Kolb, C.R | Depositional environments of Mississippi River deltaic plain, southeastern Louisiana | Kolb, C.R. and J.R. Van Lopik. 1966. Depositional environments of Mississippi River deltaic plain, southeastern Louisiana. In Deltas in their Geological Framework, Shirley, M.L. (ed.). Houston Geological Society, |
| Kolb, Charles R. | Sediments Forming the Bed and Banks of the Lower Mississippi River and Their Effect on River Migration | Kolb, Charles R. (2006). Sediments Forming the Bed and Banks of the Lower Mississippi River and Their Effect on River Migration. J of Sedinentology. 2:3 227-234 |
| Kolker, A. S | The Mississippi River Flood of 2008: Sediment Dynamics and Implications for Coastal Restoration | Kolker, A. S., Allison, M. A., Butcher, K. A., Fulweiler, R. W., Green, S., Nittrouer, J., Nyman, J. A., Rosenheim, B. (2008). The Mississippi River Flood of 2008: Sediment Dynamics and Implications for Coastal Restoration. 2008 Joint Meeting of The Geological Society of America, Soil Science Society of America, American Society of Agronomy, Crop Science Society of America, Gulf Coast Association of Geological Societies with the Gulf Coast Section of SEPM |
| Kuehl, S.A | Sediment deposition, accumulation, and sea bed dynamics in an energetic fine-grained coastal environment | Kuehl, S.A., Nittrouer, C.A., Allison, M.A., Faria, L.E.C., Dukat, D.A., Jaeger, J.M., Pacioni, T.D., Figueiredo, A.G., Underkoffler, E.C., 1996. Sediment deposition, accumulation, and sea bed dynamics in an energetic fine-grained coastal environment. Continental Shelf Research 16, 787–815. |
| Kulp, M. | Geologic Framework, Evolution, and Sediment Resources for Restoration of the Louisiana Coastal Zone | Kulp, M., S. Penland, S. J. Williams, C. Jenkins, J. Flocks, and J. Kindinger. 2005. Geologic Framework,<br>Evolution, and Sediment Resources for Restoration of the Louisiana Coastal Zone. Journal of Coastal<br>Research: 56-71. |
| Kulp, M. A. | Latest Quaternary stratigraphic framework of the Mississippi<br>delta region. | Kulp, M. A. et al. Latest Quaternary stratigraphic framework of the Mississippi delta region. Trans. Gulf Coast Assoc. Geol. Soc. 52, 572_582 (2002). |

| Author 1 | Title | Complete Reference |
|---|---|---|
| La Peyre, M. K | Environmental Significance of Freshets in Reducing Perkinsus marinus Infection in Eastern Oysters Crassostrea virginica: Potential Management Applications. | La Peyre, M. K., Nickens, A. D., Volety, A. K., Tolley, G. S., La Petre, J. F. (2003). Environmental Significance of Freshets in Reducing Perkinsus marinus Infection in Eastern Oysters Crassostrea virginica: Potential Management Applications. Mar. Ecol. Prog. Ser. Vol. 248. pp 165–176. |
| La Peyre, M.K.G. | The importance of competition in regulating plant species abundance along a salinity gradient | La Peyre, M.K.G., Grace, J.B., Hahn, E., and Mendelssohn, I.A. 2001. The importance of competition in regulating plant species abundance along a salinity gradient. Ecology (USA), 82: 62-69. |
| Lamberti, A. | A granular-fluid model of the stress transfer from the fluid to the bed. | Lamberti, A., Montefusco, L. and Valiana, A. (19991): A granular-fluid model of the stress transfer from the fluid to the bed. In: Sand transport in rivers, estuaries and the sea. Eds.: Soulsby, R.L. and Bettes, R., Balkema, Rotterdam. |
| Lamers, L. P. M | Differential responses of freshwater wetland soils to sulfate pollution | |
| Lamers, L. P. M | Sulfate induced eutrophication and phytotoxicity in freshwater wetlands | Lamers LPM, Tomassen HBM, Roelofs JGM (1998) Sulfateinduced eutrophication and phytotoxicity in freshwater |
| Lane EW | The importance of fluvial morphology in hydraulic engineering | Lane EW. 1955. The importance of fluvial morphology in hydraulic engineering. Proceedings, American Society of Civil Engineers 81: 1–17. |
| Lane RR | Wetland surface elevation, vertical accretion, and subsidence at three Louisiana estuaries receiving diverted Mississippi River water. | Lane RR, Day JW Jr, Day JN (2006) Wetland surface elevation, vertical accretion, and subsidence at three Louisiana estuaries receiving diverted Mississippi River water. Wetlands 26:1130–1142. |
| Lane, R. J. | The Effect on Water Quality of Riverine Input into Coastal Wetlands | Lane, R. J. "The Effect on Water Quality of Riverine Input into Coastal Wetlands." Louisiana State University. |
| Lane, R. R | Water Quality Analysis of a Freshwater Diversion at Caernarvon, Louisiana | Lane, R. R., J. W. Day, and B. Thibodeaux. 1999. Water Quality Analysis of a Freshwater Diversion at Caernarvon, Louisiana. Estuaries 22, no. 2A: 327-36. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Lane, R. R | Changes in Stoichiometric Si, N and P Ratios of Mississippi River Water Diverted Through Coastal Wetlands to the Gulf of Mexico | Lane, R. R., J. W. Day, D. Justic, E. Reyes, B. Marx, J. N. Day, and E. Hyfield. 2004. Changes in Stoichiometric Si, N and P Ratios of Mississippi River Water Diverted Through Coastal Wetlands to the Gulf of Mexico. Estuarine Coastal and Shelf Science 60, no. 1: 1-10. |
| Lane, R. R | Seasonal and Spatial Water Quality Changes in the Outflow Plume of the Atchafalaya River, Louisiana, USA. | Lane, R. R., Day, J. W., Marx, B., Reyes, E., Kemp, P. (2002). Seasonal and Spatial Water Quality Changes in the Outflow Plume of the Atchafalaya River, Louisiana, USA. Estuaries. Vol 25 No. 1. p 30-42. |
| Lane, R. R | The 1994 Experimental Opening of the Bonnet Carre Spillway to Divert Mississippi River Water Into Lake Pontchartrain, Louisiana | Lane, R. R., J. W. Day, G. P. Kemp, and D. K. Demcheck. 2001. The 1994 Experimental Opening of the Bonnet Carre Spillway to Divert Mississippi River Water Into Lake Pontchartrain, Louisiana. Ecological Engineering 17, no. 4: 411-22. |
| Lane, R. R | Potential Nitrate Removal From a River Diversion Into a Mississippi Delta Forested Wetland | Lane, R. R., H. S. Mashriqui, G. P. Kemp, J. W. Day, J. N. Day, and A. Hamilton. 2003. Potential Nitrate Removal From a River Diversion Into a Mississippi Delta Forested Wetland. Ecological Engineering 20, no. 3: 237-49. |
| Lane, R. R. | The effects of riverine discharge on temperature, salinity, suspended sediment and chlorophyll a in a Mississippi delta estuary measured using a flow-through system | Lane, R. R., Day, J. W. Jr., Marx, B. D., Reyes, E., Hyfield, E., Day, J. N. (2007). The effects of riverine discharge on temperature, salinity, suspended sediment and chlorophyll a in a Mississippi delta estuary measured using a flow-through system. Estuarine, Coastal and Shelf Science. 74:1 and 74:2. p 145-154. |
| LaPeyre, Megan | Using Gambusia affinis growth rates to assess estuarine habitat quality: a comparison of indices | LaPeyre, Megan and Piazza, Bryan. Using Gambusia affinis growth rates to assess estuarine habitat quality: a comparison of indices. Transactions of the American Fisheries Society. In Review |
| LaPeyre, Megan | Method to estimate consumer resource availability provided by riverine pulsing: an approach and example for southeastern US estuary | LaPeyre, Megan and Piazza, Bryan.Method to estimate consumer resource availability provided by riverine pulsing: an approach and example for southeastern US estuary. Wetlands. In Review. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| LDNR | Surface water hydrology in Upper Breton Sound Basin, Louisiana : effects of the Caernarvon freshwater diversion: Draft Final Report. | LDNR. (2007). Surface water hydrology in Upper Breton Sound Basin, Louisiana : effects of the Caernarvon freshwater diversion: Draft Final Report. Louisiana Department of Natural Resources. contract numbers 2503-01-27 and 2503-04-05. |
| LDNR | Mississippi River Water Reintroduction into Bayou LaFourche: Phase 2 Design Report | Louisiana Department of Natural Resources. 2006. Mississippi River Water Reintroduction into Bayou LaFourche: Phase 2 Design Report. |
| LDNR | Caernarvon Freshwater Diversion Project. Annual Report 2002 | LDNR (2002) Caernarvon Freshwater Diversion Project. Annual Report. Louisiana Department of Natural Resources. Rouge, Louisiana. pp |
| LDNR | Barataria Basin Existing Data and Numerical Model Review and Analysis. Draft Report | Moffatt & Nichol Engineers, 2000. Barataria Basin Existing Data and Numerical Model Review and Analysis. Draft Report Submitted to: State of Louisiana, Department of Natural Resources. Report Prepared by: Moffatt & Nichol Engineers, 2209 Century Drive, Suite 500, Raleigh, NC 27612. July 28, 2000. |
| LDNR | Hydrologic characterization and monitoring flow dynamics in Breton Sound: Draft Final Report | LDNR. (2007). Hydrologic characterization and monitoring flow dynamics in Breton Sound: Draft Final Report. Louisiana Department of Natural Resources. contract number 2503-03-45. |
| LDNR | Annual Monitoring Report: West Pointe A La Hache | LDNR (1993). Annual Monitoring Report: West Pointe A La Hache. Louisiana Department of Natural Resources. Baton Rouge, Louisiana. pp 20. |
| LDNR | Atchafalaya River Deepening Multipurpose: A National Perspective, White Paper. | LDNR. (2005) Atchafalaya River Deepening Multipurpose: A National Perspective, White Paper. Prepared for the Louisiana Department of Natural Resources and Morgan City Harbor and Terminal District by Shaw Coastal. pp. 35. |
| LDNR | Report on Feasibility of Small Scale Physical Model of the Lower Mississippi River Delta for Testing Water and Sediment Diversion Projects | State of Louisiana, Department of Natural Resources. 2004. Report on Feasibility of Small Scale Physical Model of the Lower Mississippi River Delta for Testing Water and Sediment Diversion Projects, State of Louisiana, Department of Natural Resources. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| LDNR | Mississippi River Delta Management Study – Preliminary Strategic Plan. Draft Report | LDNR (2008) Mississippi River Delta Management Study – Preliminary Strategic Plan. Draft Report. Louisiana Department of Natural Resources, Office of Coastal Restoration and Management; Coastal Restoration Division. Baton Rouge, Louisiana. pp 164. |
| LDNR | Davis Pond Freshwater Diversion Project, Draft Annual Report 2003-2004. | LDNR. (2005). Davis Pond Freshwater Diversion Project, Draft Annual Report 2003-2004. Louisiana Department of Natural Resources. Baton Rouge, Louisiana. pp 49. |
| LDNR | Caernarvon Freshwater Diversion Dye Study | LDNR. 1991. Caernarvon Freshwater Diversion Dye Study Aug 6-9, 1991. |
| LDWF | An inventory and study of the Vermilion Bay-Atchafalaya Bay complex | Juneau, C. L. 1975. An inventory and study of the Vermilion Bay-Atchafalaya Bay complex. J. Buton Angelle, director. Louisiana Wildlife and Fisheries Commission, Oysters, Water Bottoms and Seafoods Division. Technical Bulletin No. 13. Louisiana Wildlife and Fisheries, Baton Rouge, Louisiana. |
| Le Mehaute, B. | An Introduction to Hydrodynamics and Water Waves. | Le Mehaute, B. (1976): An Introduction to Hydrodynamics and Water Waves. Springer Verlag, Dusseldorf. |
| Lee Wilson and Associates | Evaluation of Bayou LaFourche Wetlands Restoration Project:<br>Summary Report | Lee Wilson and Associates, Inc. 1998. Evaluation of Bayou LaFourche Wetlands Restoration Project:<br>Summary Report. |
| Lee Wilson and Associates | Diversion into the Maurepas Swamps: A Complex Project under the Coastal Wetland Planning, Protection, and Restoration Act | Lee Wilson and Associates, Inc, G. Shaffer, M. Hester, P. Kemp, H. Mashiriqui, J. W. Day , and R. R.<br>Lane. 2001. Diversion into the Maurepas Swamps: A Complex Project under the Coastal Wetland<br>Planning, Protection, and Restoration Act. |
| Letter, J. V. Jr. | River Diversions and Shoaling | Letter, J. V. Jr., Pinkard, F. C., Raphelt, N. K. (2008) River Diversions and Shoaling. U. S. Army Corps of Engineers. New Orleans, LA. pp. 21. |
| Letter, Joseph V. Jr. | River diversions and shoaling. | Letter, Joseph V. Jr., Pinkard, Fred C., Raphelt, Nolan K. 2008. River diversions and shoaling. USACE |
| Lian, Qi Xiang | A visual study of the coherent structure of the turbulent boundary layer in flow with adverse pressure gradient. | Lian, Qi Xiang (1990): a visual study of the coherent structure of the turbulent boundary layer in flow with adverse pressure gradient. J Fluid Mech. Vol 215, 101-124. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Lindau, C.W | Denitrification in cypress swamp within the Atchafalaya River Basin, Louisiana. | Lindaua, C.W., R.D. DeLaune, A.E. Scaroni and J.A. Nyman. 2008. Denitrification in cypress swamp within the Atchafalaya River Basin, Louisiana. Chemosphere 70:886-894. |
| Lindau, C.W | Fate of added nitrate and ammonium-nitrogen entering a Louisiana Gulf Coast swamp | Lindau, C.W., R.D. DeLaune, and G.L. Jones. 1988. Fate of added nitrate and ammonium-nitrogen entering a Louisiana Gulf Coast swamp. J. Water Pollut. 60:386- 390. |
| Livingston RJ | Modeling oyster population response to variation in freshwater input | Livingston RJ, Lewis FG, Woodsum GC, Niu XF et al. (2000) Modeling oyster population response to variation in freshwater input. Estuar Coast Shelf Sci 50:655–672 |
| Llewellyn, D.W. | A decision-support system for prioritizing restoration sites on the Mississippi River alluvial plain. | Llewellyn, D.W., Shaffer, G.P., Craig, N.J., Creasman, L., Pashley, D., Swan, M., and Brown, C. 1996. A decision-support system for prioritizing restoration sites on the Mississippi River alluvial plain. Conserv. Biol. 10: 1446-1455. |
| Loeb R. | How soil characteristics and water quality influence the biogeochemical response to flooding in riverine wetlands | Loeb R, VanDaalen E, Lamers LPM, Roelefs JGM(2007)How soil characteristics and water quality influence the biogeochemical response to flooding in riverine wetlands. Biogeochemistry 85:289–302. |
| Lohrenz, S. E | Enhanced primary production at the plume/oceanic interface of the Mississippi River | Lohrenz, S.E., M.J. Dagg, and T.E. Whitledge. 1990. Enhanced primary production at the plume/oceanic interface of the Mississippi River. Continental Shelf Research 10:639-664. |
| Lohrenz, S. E | Nutrients, irradiance and mixing as factors regulating primary production in coastal waters impacted by the Mississippi River plume | Lohrenz, S. E., G. L. Fahnenstile, D. G. Redalje, G. A. Lang, M. J. Dagg, T. E. Whitledge, and Q. Dortch (1999), Nutrients, irradiance and mixing as factors regulating primary production in coastal waters impacted by the Mississippi River plume, Cont. Shelf Res., 19, 1113–1141. |
| Loneragan N. R. | River flows and estuarine ecosystems: implications for coastal fisheries from a review and a case study of the Logan River, southeast Queensland | Loneragan NR, Bunn SE (1999) River flows and estuarine ecosystems: implications for coastal fisheries from a review and a case study of the Logan River, southeast Queensland. Aust J Ecol 24:431–440 |
| Loosanoff VL | Behavior of oysters in water of low salinities | Loosanoff VL (1953) Behavior of oysters in water of low salinities. Proc Natl Shellfish Assoc 43:135–151 |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Lopez, J. A | The Multiple Lines of Defense Strategy to Sustain Coastal Louisiana. | Lopez, J. A. (2006). The Multiple Lines of Defense Strategy to Sustain Coastal Louisiana. Lake Pontchartrain Basin Foundation, Louisiana. pp 21. |
| Lopez, J., C | Comprehensive Recommendations Supporting the Use of the Multiple Lines of Defense Strategy to Sustain Coastal Louisiana | Lopez, J., C. Dufrechou, M. Hester, P. Keddy, P. Kemp, B. Kohl, S. Kulkarni, A. McCorquodale, M. O'Connell, B. Rogers, N. Snider, and J. Suhayda. 2007. Comprehensive Recommendations Supporting the Use of the Multiple Lines of Defense Strategy to Sustain Coastal Louisiana, eds. E. Vokes, and S. White. 147p. + appendices |
| Lopez, J.A | The Bohemia Spillway in southeast Louisiana: The 2008 Flood Event | Lopez, J.A., McCartney, P., Kulp, M., Kemp, P. (2008). The Bohemia Spillway in southeast Louisiana: The 2008 Flood Event. Lake Pontchartrain Basin Foundation. Metairie, Louisiana. pp 4. |
| Lopez, J.A. | Chronology and analysis of environmental impacts within the Ponchartrain basin of the Mississippi Delta Plain: 1718-2002. | Lopez, J.A. 2003. Chronology and analysis of environmental impacts within the Ponchartrain basin of the Mississippi Delta Plain: 1718-2002. Ph.D. Dissertation, Engineering and Applied Sciences Program, University of New Orleans, New Orleans, LA. USA. |
| Louisiana Department of Natural Resources | Mississippi River Water Reintroduction into Bayou LaFourche: Phase 1 Design Report | Louisiana Department of Natural Resources. 2005. Mississippi River Water Reintroduction into Bayou LaFourche: Phase 1 Design Report. |
| Louisiana Hydroelectric | Lower Mississippi River Sediment Study. Volume 3. CH3D-SED Computational Modeling of the Old River Control Complex. | Louisiana Hydroelectric. 1999. Lower Mississippi River Sediment Study. Volume 3. CH3D-SED Computational Modeling of the Old River Control Complex. |
| Louisiana Sea Grant Program | Freshwater Diversion: A Public Forum | Louisiana Sea Grant College program (1998). Freshwater Diversion: A Public Forum. Proceedings from a public forum. Jefferson Parish, LA. Louisiana Sea Grant College Program. |
| Lowe, E.F. | The relationship between hydrology and vegetational pattern within the floodplain marsh of a subtropical Florida lake. | Lowe, E.F. 1986. The relationship between hydrology and vegetational pattern within the floodplain marsh of a subtropical Florida lake. Fla. Sci. 49: 213-233. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| LPBF | A Post-Katrina Assessment of the Freshwater Diversion to Lake Pontchartrain Basin and Mississippi Sound | LPBF. (2006). A Post-Katrina Assessment of the "Freshwater Diversion to Lake Pontchartrain Basin and Mississippi Sound". Lake Pontchartrain Basin Foundation. Metairie, Louisiana. pp 5. |
| Lundgren, H. | Turbulent currents in the presence of waves. | Lundgren, H. (1972): Turbulent currents in the presence of waves. Proc. 13th Int. Conf. Coast. Eng., Vancouver, Canada, 1:623-634. |
| Lundgren, H. | Turbulent currents in the presence of waves. | Lundgren, H. (1972): Turbulent currents in the presence of waves. Proc. 13th Int. Conf. Coast. Eng., Vancouver, Canada, 623-634. |
| Luque, R.F | Erosion and transport of bed-load sediment. | Luque, R.F., and van Beek, R. (1976): Erosion and transport of bed-load sediment. J. Hydr. Res., 14(2):127-144. |
| Luque, R.F | Erosion and transport of bed-load sediment. | Luque, R.F. (1974): Erosion and transport of bed-load sediment. Delft University of Technology, Diss. |
| Madden, C | Coupling of freshwater and marine systems in the Mississippi deltaic plain | Madden, C, J. Day, and J. Randall. 1988. Coupling of freshwater and marine systems in the Mississippi deltaic plain. Limnology and Oceanography. 4(33, 2): 982-1004. |
| Madsen, O. S. | Sediment transport in the coastal environment. | Madsen, O. S. and Grant, W.D. (1976): Sediment transport in the coastal environment, M.I.T., Ralph M. Parsons Lab. Report 209. |
| Madsen, P | A coastal protection study based on physical and mathematical modeling. | Madsen, P., Deigaard, R. and Hebsgarrd, M. (1987): A coastal protection study based on physical and mathematical modeling. Proc. 2nd Int. Conf. on Costal and Port Eng. In Developing countries, Bejing, 1:223-239. |
| Malcolm, O. H | Report on spillway opening and its effects. | Malcolm, O. H., & Walters, L. L. (1950). Report on spillway opening and its effects. Third Bienn. Rep't La. Dept. Wild Life and Fisheries, 1948-1949, pp. 332-350. |
| Malcolm, O. H | What the Spilway really did | Malcolm, O. H., & Walters, L. L. (1950). What the Spilway really did. La. Conservationist (Mar-Apr., 1950), pp16-19, 26-27. |
| Mancil, E. | Pullboat logging | Mancil, E. 1980. Pullboat logging, J. For. Hist. 24: 135-141. |
| Marin, P | A study of sedimentation in an artificially crevassed pond on Delta National Wildlife Refuge, Louisiana. | Marin, P. 1996. A study of sedimentation in an artificially crevassed pond on Delta National Wildlife Refuge, Louisiana. MS thesis, University of Southwestern Louisiana, Lafayette, LA. USA. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Marino, J.H | Effects of season and marsh management on submersed aquatic vegetation in coastal Louisiana brackish marsh ponds | Marino, J.H., J.A. Nyman, and T. Michot. 2005. Effects of season and marsh management on submersed aquatic vegetation in coastal Louisiana brackish marsh ponds. Ecological Restoration 23:235- |
| Martin, J. | Energy analyses of river diversions within the Mississippi Delta | Martin, J., and Louisiana Sea Grant. 1998. Energy analyses of river diversions within the Mississippi Delta. Proceedings of the International Society for the Systems Sciences Annual Meeting. |
| Martin, J. F | Energy Valuation of Diversions of River Water to Marshes in the Mississippi River Delta | Martin, J. F. 2002. Energy Valuation of Diversions of River Water to Marshes in the Mississippi River Delta. Ecological Engineering 18, no. 3: 265- |
| Martin, J., E. | Landscape modeling of the Mississippi delta | Martin, J., E. Reyes, P. Kemp, H. Mashriqui, and J. Day. 2002. Landscape modeling of the Mississippi delta. BioScience. 52: 357-365. |
| Martin, J.F | Evaluation of coastal management plans with a spatial model: Mississippi Delta, Louisiana, USA | Martin, J.F., M.L. White, E. Reyes, G.P. Kemp, H. Mashriqui, and J.W. Day. 2000. Evaluation of coastal management plans with a spatial model: Mississippi Delta, Louisiana, USA. 141 Environmental Management 26:117-129 |
| Martin, S.B | Sagittaria biomass partitioning relative to salinity, hydrological regime, and substrate type: implications for plant distribution patterns in coastal Louisiana | Martin, S.B., Shaffer, G.P. 2005. Sagittaria biomass partitioning relative to salinity, hydrological regime, and substrate type: implications for plant distribution patterns in coastal Louisiana, USA. Journal of Coastal Research 21, 164-171. |
| Mashriqui, H.S | Hydrodynamic Simulation Modeling to Assist the Louisisana Department of Natural Resources in the Management and Operations of the Davis Pond Diversion Project | Mashriqui, H.S., G.P. Kemp, J.N. Suhayda, V. Aravamuthan, and E. Swenson. 2001. Hydrodynamic Simulation Modeling to Assist the Louisisana Department of Natural Resources in the Management and Operations of the Davis Pond Diversion Project. Natural Systems Modeling Group, School of the Coast and Environment, Louisiana State University, Baton Rouge, LA. |
| Massey, James W | Pass a Loutre Freshwater Diversions: Marsh Building in the Mississippi River Delta | Massey, James W., and David G. Chambers. 1987. Pass a Loutre Freshwater Diversions: Marsh Building in the Mississippi River Delta. Coastal Zone '87, Proceedings of the Fifth Symposium on Coastal and Ocean Management., 826-38 Seattle, WA, USA: ASCE, New York, NY, USA. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| May, E.B | The effect of floodwater on oysters in Mobile Bay | May, E.B. 1972. The effect of floodwater on oysters in Mobile Bay. Proceedings of the National Shellfisheries Association 62:67-71. |
| McAnally, W. H | Freshwater diversion to reduce estuarine salinities | McAnally, W. H., and G. H. Nail. 1995. Freshwater diversion to reduce estuarine salinities. International Water Resources Engineering Conference - Proceedings, 1496-500San Antonio, TX, USA: ASCE, New York, NY, USA. |
| McCallum, Brian E | Areal extent of freshwater from an experimental release of Mississippi River Water into Lake Pontchartrain, Louisiana, May 1994 | McCallum, Brian E. 1995. Areal extent of freshwater from an experimental release of Mississippi River Water into Lake Pontchartrain, Louisiana, May 1994. Coastal Zone: Proceedings of the Symposium on Coastal and Ocean Management, 363-64Tampa, FL, USA: ASCE, New York, NY, USA. |
| McCorquodale, J. A | Hydrodynamic modeling of freshwater introduction and residence times in a shallow estuary | McCorquodale, J. A., I. Georgiou, and K. Haralampides. 2003. Hydrodynamic modeling of freshwater introduction and residence times in a shallow estuary. Canadian Society for Civil Engineering - 31st Annual Conference: 2003 Building our Civilization, Jun 4-7 2003, 457-65Moncton, NB, Canada: Canadian Society for Civil Engineering, Montreal, H3H 2R9, Canada. |
| McFalls, T. | Effects of disturbance and fertility upon the vegetation of a Louisiana coastal marsh. | |
| McFertridge, W F | Sediment suspension by non-breaking waves over rippled beds. | McFertridge, W F & Nielsen (1985): Sediment suspension by non-breaking waves over rippled beds. Tech Rep UFL/COEL-85/005, Coastal and Oceangraphical Engineering Dept, Univ of Florida, Gainesville. |
| McGraw, M. J. | The Effect of Environmental Forcing on the Suspended Sediment Within the Naomi Wetlands as Reflected in Turbidity Data | McGraw, M. J. (2005). The Effect of Environmental Forcing on the Suspended Sediment Within the Naomi Wetlands as Reflected in Turbidity Data. Doctorial Thesis, Louisiana State University. Baton Rouge, Louisiana. USA. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| McHenry, J. R | Recent Rates of Sedimentation in the Mississippi River. Contaminants in the Upper Mississippi River: Proceedings of the 15th Annual Meeting of the Mississippi River Research Consortium | McHenry, J. R., J. C. Ritchie, C. M. Cooper, and J. Verdon. 1984. Recent Rates of Sedimentation in the Mississippi River. Contaminants in the Upper Mississippi River: Proceedings of the 15th Annual Meeting of the Mississippi River Research Consortium, 99-1171984. |
| McKee, K. | Acute salt marsh dieback in the Mississisippi River deltaic plain: A drought induced phenomeon? | McKee, K., Mendelssohn, I. A., Materne, M.D. 2004. Acute salt marsh dieback in the Mississisippi River deltaic plain: A drought induced phenomeon? Global Ecology and Biogeography 13, 65-73., |
| McKee, K.L. | Response of a freshwater marsh plant community to increased salinity and increased water level. | McKee, K.L., Mendelssohn, I.A., 1989. Response of a freshwater marsh plant community to increased salinity and increased water level. Aquatic Botany 34, 301-316. |
| McLean, S.R. | A model for flow over two-dimensional bed forms. | McLean, S.R. and Smith, J.D. (1986): A model for flow over two-dimensional bed forms. J. Hydraulic Eng., ASCE, 112(4):300-317. |
| McNally, D | Effects of a marsh management impoundment on hydrology, accretion and SAV production in the Mississippi Deltaic Plain | McNally, D. 1992. Effects of a marsh management impoundment on hydrology, accretion and SAV production in the Mississippi Deltaic Plain. MS thesis, Louisiana State University, Baton Rouge, LA. USA. |
| McQuivey, R. S | Mississippi River Below Baton Rouge, La. Proceedings of ASCE | McQuivey, R. S., and T. N. Keefer. 1976. Dispersion--Mississippi River Below Baton Rouge, La. Proceedings of ASCE, Journal of the Hydraulics Division 102, no. HY10: 1425-37. |
| Meade, R.H | Sediment in rivers of the United States | Meade, R.H., Parker, R.S., 1985. Sediment in rivers of the United States. National Water Survey 1984. U.S. Geological Survey Water-Supply Paper, vol. 2275, pp. 49–60. |
| Meade, R.H | River-sediment inputs to major deltas. In Sea-level rise and coastal subsidence: Causes consequences and strategies | Meade, R.H. (1996) River-sediment inputs to major deltas. In Sea-level rise and coastal subsidence: Causes consequences and strategies, J.D. Milliman and B.U. Haq, eds. Kluwer Academic Publishers, Dordrecht, pp. 63-85. |
| Meade, R.H | Contaminants in the Mississippi River, 1987-1992 | Meade, R.H., ed. (1995) Contaminants in the Mississippi River, 1987-1992. U.S. Geological Survey Circular, 1133:1-140. |
| Meade, R.H. | Surface Water Hydrology | Meade, R. H. et al. Surface Water Hydrology (Geological Society of America, 1990). |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Meckel, T. A. | An attempt to reconcile subsidence rates determined from various techniques in southern Louisiana | Meckel, T. A. An attempt to reconcile subsidence rates determined from various techniques in southern Louisiana. Quat. Sci. Rev. 27, 1517_1522 (2008). |
| Meffert, D. J. | Case Study of the Ecosystem Management Development in the Breton Sound Estuary, Louisiana | Meffert, D. J., Good, B. Case Study of the Ecosystem Management Development in the Breton Sound Estuary, Louisiana. Louisiana Department of Natural Resources: Coastal Restoration Division. Baton Rouge, Louisiana. pp 66. |
| Megonigal, J.P. | Aboveground production in southeastern floodplain forests: a test of the subsidy-stress hypothesis. | Megonigal, J.P., Conner, W.H. Kroeger, S., and Shariitz, R.R. 1997. Aboveground production in southeastern floodplain forests: a test of the subsidy-stress hypothesis. Ecology (USA), 78: 370-384. |
| Melancon, E. J | Environmental issues facing Louisiana's oyster industry in the 1990s | Melancon, E. J., T. M. Soniat, and R. J. Dugas. 1997. Environmental issues facing Louisiana's oyster industry in the 1990s. Journal of Shellfish Research 16, no. 1: 315-16 |
| Melancon,E | Understanding how oyster metapopulations respond to salinity in the Barataria Estuary | Melancon,E., C Addision, R Duke. 2005. Understanding how oyster metapopulations respond to salinity in the Barataria Estuary. Poster. National Shellfisheries Association Meeting. |
| Meland, N. | Transport velocities of single particles in bed-load motion. | Meland, N. and Normann, J.O. (1966): Transport velocities of single particles in bed-load motion. Geografiska Annaler, Vol. 48, Serie A.(4):165-182. |
| Mendelssohn I. A | Controls on soil cellulose decomposition along a salinity gradient in a Phragmites australis wetland in Denmark | Mendelssohn IA, Sorrell BK, Brix H, Schierup HH, Lorenzen B, Maltby E (1999) Controls on soil cellulose decomposition along a salinity gradient in a Phragmites australis wetland in Denmark. Aquat Bot 64:381–398. |
| Mendelssohn, I. A. | Abiotic constraints for wetland plants and animals | Mendelssohn, I. A. and D. Batzer. 2006. Abiotic constraints for wetland plants and animals, pp.82-114. In: Ecology of Freshwater and Estuarine Wetlands (D. P. Batzer and R. R. Sharitz, eds.), University of California Press, Berkley, CA. |
| Mendelssohn, I.A | Spatina alterniflora die-back in Louisiana: time course investigation of soil waterlogging effects. | Mendelssohn, I.A., McKee, K.L., 1988. Spatina alterniflora die-back in Louisiana: time course investigation of soil waterlogging effects. Journal of Ecology 76, 509-521. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Mendelssohn, I.A | The effects of sediment addition on salt marsh vegetation and soil physico-chemistry. | Mendelssohn, I.A., and N.L. Kuhn. 1999. The effects of sediment addition on salt marsh vegetation and soil physico-chemistry. In Recent Research in Coastal Louisiana – Natural System Function and Human Influence. Eds. Rozas, L.P., J.A. Nyman, C.E. Proffitt, and N.N. Rabalais, D.J. Reed, and R.E. Turner. Lousiana Sea Grant College Program, |
| Mendelssohn, L.A. | Sediment subsidy: effects on soil-plant responses in a rapidly submerging coastal salt marsh. | Mendelssohn, L.A., and Kuhn, LA. 2003. Sediment subsidy: effects on soil-plant responses in a rapidly submerging coastal salt marsh. Ecol. Eng. 21: 115-128. |
| Mendoza, C | Investigation of Turbulent Flow over Dunes. | Mendoza, C. and Shen H.W. (1990): Investigation of Turbulent Flow over Dunes. J. Hydraulic. Eng., ASCE, 116(4):459-477. |
| Meselhe, E | Hydrodynamic and Sediment Modeling of the Lower Mississippi River | Meselhe, E., E. Habib, A. Griborio, S. Gautam, C. Chen, J. McCorquodale, I. Georgiou, and J. Stronach. 2005. Hydrodynamic and Sediment Modeling of the Lower Mississippi River. American Geophysical Union, 2005 Fall Meeting. |
| Meyer-Peter, E | Formulas for bed-load transport. | Meyer-Peter, E & R Muller (1948): formulas for bed-load transport. Proc Int Ass Hydr Struct Res, Stockholm. |
| Miao, S. | Sediment Nutrient Flux in a Coastal Lake Impacted by Diverted Mississippi River Water | Miao, S. Y., R. D. Delaune, and A. Jugsujinda. 2006. Sediment Nutrient Flux in a Coastal Lake Impacted by Diverted Mississippi River Water. Chemistry and Ecology 22, no. 6: 437-49. |
| Michener, W.K. | Climate change, hurricanes and tropical storm, and rising sea level in coastal wetlands | Michener, W.K., Blood, ER., Bildstein, K.L., Brinson, M.M., and Gardner, L..R. 1997. Climate change, hurricanes and tropical storm, and rising sea level in coastal wetlands. Ecol. Appl. 7: 770-801. |
| Middelburg, J.J | Uptake of dissolved inorganic nitrogen in turbid, tidal estuaries | Middelburg, J.J. and J. Nieuwenhuizee. 2000. Uptake of dissolved inorganic nitrogen in turbid, tidal estuaries. Mar. Ecol. Prog. Ser. 192:79-88. |
| Middleton, B.A., (Editor) | Flood pulsing in wetlands: Restoring the natural hydrological balance. | Middleton, B.A. (Editor). 2002. Flood pulsing in wetlands: Restoring the natural hydrological balance. John Wiley, New York, N.Y., USA. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Miller, G | Mississippi River - West Bay sediment diversion | Miller, G. 2004. Mississippi River - West Bay sediment diversion. Proceedings of the 2004 World Water and Environmetal Resources Congress: Critical Transitions in Water and Environmental Resources Management, 4049-55 Salt Lake City, UT, United States: American Society of Mechanical Engineers, New York, NY 10016-5990, United States. |
| Miller, M C | J Sed. Petrology | Miller, M C & P D Komar (1980): A field investigation of the relationship between ripple spacing and near-bottom water motions. J Sed. Petrology, Vol 50, pp 183-191. |
| Mitchell Andrus, M. T | Sediment Flux and Fate in the Mississippi River Diversion at West Bay: Observation Study | Mitchell Andrus, M. T. (2007). Sediment Flux and Fate in the Mississippi River Diversion at West Bay: Observation Study. Master's Thesis, Louisiana State University. Baton Rouge, Louisiana. USA. |
| Mitchell, Andrus, T | Sediment flux and fate in the Mississippi River diversion at West Bay: Observation study | Andrus, T. Mitchell, and Samuel J. Bentley. 2007. Sediment flux and fate in the Mississippi River diversion at West Bay: Observation study. Coastal Sediments '07 - Proceedings of 6th International Symposium on Coastal Engineering and Science of Coastal Sediment Processes New Orleans, LA, United States: American Society of Civil Engineers, Reston, VA 20191-4400, United States. |
| Mitsch, W. J | Reducing Nitrogen Loading to the Gulf of Mexico from the Mississippi River Basin: Strategies to Counter a Persistent Ecological Problem | Mitsch, W. J., Day, J. W. Jr., Gilliam, W., Groffman, P. M., Hey, D. L., Randall, G. W., Wang, N. (2001). Reducing Nitrogen Loading to the Gulf of Mexico from the Mississippi River Basin: Strategies to Counter a Persistent Ecological Problem. BioScience, 51:5. pp373-388. |
| Mitsch, W. J. | Nitrate-nitrogen retention in wetlands in the Mississippi River Basin | Mitsch, W. J., Day, J. W., Zhang, L., Lane, R. R. (2005). Nitrate-nitrogen retention in wetlands in the Mississippi River Basin. Ecological Engineering. 24:4. p 267-278. |
| Mitsch, W.J. | Estimating primary productivity of forested wetland communities in different hydrologic landscapes. | Mitsch, W.J., Taylor, J.R., and Benson, K.B. 1991. Estimating primary productivity of forested wetland communities in different hydrologic landscapes. Landscape Ecol. 5: 75-92. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Mitsch, William | Restoration of wetlands in the Mississippi-Ohio-Missouri (MOM) River Basin | Mitsch, William, Day, John.2006. Restoration of wetlands in the Mississippi-Ohio-Missouri (MOM) River Basin: Experience and needed research. Volume 26:1:55-69 |
| Mitsch,, W. | Models of North American freshwater wetlands | W. Mitsch, J. Day, J. Taylor, and C. Madden. 1982. Models of North American freshwater wetlands. Int. J. Ecol. Environ. Sci. 8: |
| Moerschbaecher, M. K. | The Impact of the Caernarvon Diversion on Above and Below Ground Biomass in the Breton Sound Estuary after Hurricane Katrina | Moerschbaecher, M. K. (2008) The Impact of the Caernarvon Diversion on Above and Below Ground Biomass in the Breton Sound Estuary after Hurricane Katrina. Master's Thesis, Louisiana State University. Baton Rouge, Louisiana. USA. |
| Montagna P. A. | The effect of freshwater inflow on meiofaunal and macrofaunal populations in the Guadalupe and Nueces estuaries, Texas | Montagna PA, Kalke RD (1992) The effect of freshwater inflow on meiofaunal and macrofaunal populations in the Guadalupe and Nueces estuaries, Texas. Estuaries 15: 307–326 |
| Montagna, P.A | Effect of restored freshwater inflow on macrofauna and meiofauna in upper Rincon Bayou, Texas | Montagna, P.A., R.D. Kalke, and C. Ritter. 2002. Effect of restored freshwater inflow on macrofauna and meiofauna in upper Rincon Bayou, Texas. Estuaries 25:1436-1447. |
| Montague, C. L. | A possible effect of salinity fluctuation on abundance of benthic vegetation and associated fauna in northeastern Florida Bay | Montague, C.L., and J.A. Ley. 1993. A possible effect of salinity fluctuation on abundance of benthic vegetation and associated fauna in northeastern Florida Bay. Estuaries 16:703-717. |
| Mossa, J | Managing the sediment and water surplus of the Mississippi and Atchafalaya rivers for wetland restoration | Mossa, J. 1990. Managing the sediment and water surplus of the Mississippi and Atchafalaya rivers for wetland restoration. Bulletin of the American Association of Petroleum Geologists 74, no. 9: 1505-6. |
| Mossa, J | Discharge-sediment dynamics of the lower Mississippi River | Mossa, J. 1988. Discharge-sediment dynamics of the lower Mississippi River. Bulletin of the American Association of Petroleum Geologists 72, no. 9. |
| Mossa, J. | Sediment dynamics in the lowermost Mississippi River: Geology in the Lower Mississippi Valley; implications for engineering, the half century since Fisk | Mossa, J. ( ) Sediment dynamics in the lowermost Mississippi River: Geology in the Lower Mississippi Valley; implications for engineering, the half century since Fisk, 1944. 1996 |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Mossa, J. | Hysteresis and nonlinearity of discharge-sediment relationships in the Atchafalaya and<br><br>lower Mississippi Rivers. Sediment and the Environment | Mossa, J. 1989. Hysteresis and nonlinearity of discharge-sediment relationships in the Atchafalaya and<br>lower Mississippi Rivers. Sediment and the Environment. Proceedings of a Symposium. |
| Mossa, J. | Discharge-suspended sediment relationships in the Mississippi-Atchafalaya rivers system, Louisiana | Mossa, J. (1996). Discharge-suspended sediment relationships in the Mississippi-Atchafalaya rivers system, Louisiana. 1990. |
| Mossa, Joann | Sediment dynamics in the lowermost Mississippi River | Mossa, Joann. 1996. Sediment dynamics in the lowermost Mississippi River. Proceedings of the 1994<br>Conference on Geology in the Lower Mississippi Valley, 457-79 Amsterdam, Netherlands: Elsevier<br>Science B.V., Amsterdam, Netherlands. |
| Moustafa, M.Z | The response of a freshwater wetland to long-term 'low level' nutrient loads: nutrients and water budget. | Moustafa, M.Z., Fountaine, T.D., Guardo, M., James, R.T., 1998. The response of a freshwater wetland to long-term 'low level' nutrient loads: nutrients and water budget. Hydrobiologia 364, 41–53. |
| Murray, S P | Settling velocities and vertical diffusion of particles in turbulent water | Murray, S P (1970): Settling velocities and vertical diffusion of particles in turbulent water , J Geophysics Res. Vol 75, No 9, 1647-1654. |
| Murray, S. P | Current Dynamics and Sediment Distribution in the West Mississippi Delta Area | Murray, S. P., and W. J. Wiseman. 1976. Current Dynamics and Sediment Distribution in the West<br>Mississippi Delta Area. Conference on Marine and Freshwater Research in Southern Africa. |
| Myers, R.S | Baldcypress restoration in southeast Louisiana: the relative effects of herbivory, flooding, competition, and macronutrients. | Myers, R.S., Shaffer, G.P., Llewellyn, D.W. 1995. Baldcypress restoration in southeast Louisiana: the relative effects of herbivory, flooding, competition, and macronutrients. Wetlands 15, 141-148. |
| Neill, C. | The effect of Mississippi River Delta lobe development on the habitat composition and diversity of Louisiana coastal wetlands | Neill, C. and L.A. Deegan. 1986. The effect of Mississippi River Delta lobe development on the habitat composition and diversity of Louisiana coastal wetlands. American Midland Naturalist 116:296-303. |
| Neill, Ciara F | Subaqueous deltaic formation on the Atchafalaya Shelf | Neill, Ciara F., Allison, Mead A, 2005. Subaqueous deltaic formation on the Atchafalaya Shelf, Louisiana. Marine Geology 214: 411-430. |
| Neilson, P | Coastal bottom boundary layers and sediment transport. | Neilson, P (1990): Coastal bottom boundary layers and sediment transport. In P Bruun ed Port Engineering (4th edition) Vol 2, pp 550-585. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Neilson, P | Towards modeling coastal sediment transport. | Neilson, P (1988b): Towards modeling coastal sediment transport. Proc 21st Int Conf Coastal Eng, Torremolinos, pp 1952-1958. |
| Newman, S. | Effects of nutrients and hydroperiod on Typha. Cladium and Eleocharis: implications of Everglades restoration. | Newman, S., Grace, J.B., and Koebel, J.W. 1996. Effects of nutrients and hydroperiod on Typha. Cladium and Eleocharis: implications of Everglades restoration. Ecol. Appl. 6: 774-783. |
| Nielsen, P. | Some basic concepts of wave sediment transport. | Nielsen, P. (1979): Some basic concepts of wave sediment transport. Series Paper No. 20, Inst. of Hydrodynamics and Hydraulic Engineering, ISVA, Techn. Univ. Denmark. |
| Nielsen, P. | Suspended sediment under waves. | Nielsen, P., Green, M.O and Coffey, F.C. (1982): suspended sediment under waves. Technical Report No. 8216, Dept. of Geography, The Univ. Sydney, Coastal Studies Unit. |
| Nittrouer, J. A | Bedform Transport Rates for the Lowermost Mississippi River | Nittrouer, J. A., Allison, M. A., Campanella, R. (2008). Bedform Transport Rates for the Lowermost Mississippi River. Journal of Geophysical Research. Vol. 113. |
| Nixon, S. W | Freshwater inputs and estuarine productivity | Nixon, S. W. 1981. Freshwater inputs and estuarine productivity. Proceedings of the National Symposium on Freshwater Inflow to Estuaries. Cross and Williams. Slidell, Louisiana. 31-55. |
| No Author listed | Suspended-sediment and associated chemical transport characteristics of the lower Mississippi River, Louisiana | Suspended-sediment and associated chemical transport characteristics of the lower Mississippi River, Louisiana. 1988. |
| No Author listed | Should we permit Mississippi-Atchafalaya diversion ?: Transactions of the 30th annual meeting of the Gulf Association of Geological Societies; AAPG regional meeting and the Twenty-seventh annual meeting of the Gulf Coast Section of the Society of Economic Paleontologists and Mineralogists | Should we permit Mississippi-Atchafalaya diversion ?: Transactions of the 30th annual meeting of the Gulf Association of Geological Societies; AAPG regional meeting and the Twenty-seventh annual meeting of the Gulf Coast Section of the Society of Economic Paleontologists and Mineralogists. 1980. |
| No Author listed | Sediment diversion as a form of wetland creation in the Mississippi Delta: Coastal wetlands | Sediment diversion as a form of wetland creation in the Mississippi Delta: Coastal wetlands. 1991. |
| No Author listed | Sediment and flow distribution at a large alluvial river distributary; Mississippi River at the Old River Control structure | Sediment and flow distribution at a large alluvial river distributary; Mississippi River at the Old River Control structure: AGU 1992 spring meeting. 1992. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| No Author listed | Causes of temporal and downstream changes in suspended sediment transport in the lower Mississippi and Atchafalaya rivers: Resource development of the Lower Mississippi River | Causes of temporal and downstream changes in suspended sediment transport in the lower Mississippi and Atchafalaya rivers: Resource development of the Lower Mississippi River; symposium papers. 1991. |
| No Author listed | Mississippi-Atchafalaya diversion; a new perspective | Mississippi-Atchafalaya diversion; a new perspective. 1994. |
| No Author listed | Controlled diversions in the Mississippi Delta system; an approach to environmental management | Controlled diversions in the Mississippi Delta system; an approach to environmental management. 1973. |
| No Author listed | Model and prototype analysis of the Old River diversion on the Mississippi River | Model and prototype analysis of the Old River diversion on the Mississippi River. 1974. |
| Nyman, J. A | Relationship between vegetation and soil formation in a rapidly submerging coastal marsh | Nyman, J. A., R. D. DeLaune, H. H. Roberts, and W. H. Patrick, Jr. 1993. Relationship between vegetation and soil formation in a rapidly submerging coastal marsh. Marine Ecology Progress Series, 96, 269-279. |
| Nyman, J.A | Mineral and organic matter accumulation rates in coastal deltaic marshes and their importance to landscape stability | Nyman, J.A., and R.D. DeLaune. 1991. Mineral and organic matter accumulation rates in coastal deltaic marshes and their importance to landscape stability. pages 166-170 In Coastal Depositional Systems of the Gulf of Mexico: Quaternary Framework and Environmental Issues. 12th Annual Research Conference Gulf Coast Section Society of Economic Paleontologists and Mineralogists Foundation. Earth Enterprises, Austin, Texas. |
| Nyman, J.A | Effects of weir management on marsh loss, Marsh Island, Louisiana USA. | Nyman, J.A., R.H. Chabreck, and R.G. Linscombe. 1990. Effects of weir management on marsh loss, Marsh Island, Louisiana USA. Environmental Management. 14(6):809-814. |
| Nyman, J.A | Some effects of 30 years of weir management on coastal marsh aquatic vegetation and implications to waterfowl management | Nyman, J.A., and R.H. Chabreck. 1996. Some effects of 30 years of weir management on coastal marsh aquatic vegetation and implications to waterfowl management. Gulf of Mexico Science. 1:16-25. |
| Nyman, J.A | Roles and patterns of hurricane sedi-men-tation in an estuarine marsh landscape | Nyman, J.A., C.R. Crozier, and R.D. DeLaune. 1995. Roles and patterns of hurricane sedi-men-tation in an estuarine marsh landscape. Estuarine Coastal and Shelf Science. 40:665-679. |
| Nyman, J.A | Erosion rather than plant dieback as the mechanism of marsh loss in an estuarine marsh. | Nyman, J.A., M. Carloss, R.D. DeLaune, and W.H. Patrick, Jr. 1994. Erosion rather than plant dieback as the mechanism of marsh loss in an estuarine marsh. Earth Surface Processes and Landforms. 19:69-84. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Nyman, J.A | Wetland soil formation in the rapidly subsiding Mississippi River Deltaic Plain: mineral and organic matter relationships | Nyman, J.A., R.D. DeLaune, and W.H. Patrick, Jr. 1990. Wetland soil formation in the rapidly subsiding Mississippi River Deltaic Plain: mineral and organic matter relationships. Estuarine, Coastal and Shelf Sci. 31:57-69. |
| Nyman, J.A. | Marsh vertical accretion via vegetative growth | Nyman, J.A., R.J. Walters, R.D. DeLaune, and W.H. Patrick, Jr. 2006. Marsh vertical accretion via vegetative growth. Estuarine Coastal and Shelf Science 69:370-380. |
| O'Conner , B.A. | A three- dimensional model of suspended particulate sediment transport. | O'Conner , B.A. and Nicholson, J. (1988): A three- dimensional model of suspended particulate sediment transport. Coastal Engineering, 12:157-174. |
| O'Farrell, C | Osmotic tolerance and volume regulation in vitro cultures of the oyster pathogen Perkinsus marinus | O'Farrell, C., J.F. La Peyre, K.T. Paynter, and E.M. Burreson. 2000. Osmotic tolerance and volume regulation in vitro cultures of the oyster pathogen Perkinsus marinus. Journal of Shellfish Research 19:139-145. |
| Oenema, O | Approaches and uncertainties in nutrient budgets: implications for nutrient management and environmental policies | Oenema, O., Kros, H., De Vries, W., 2003. Approaches and uncertainties in nutrient budgets: implications for nutrient management and environmental policies. Eur. J. Agron. 20, 3–16. |
| Park, D | Hydrodynamics and Freshwater Diversion within Barataria Basin | Park, D. (2002). Hydrodynamics and Freshwater Diversion within Barataria Basin. Master's Thesis, Louisiana State University. Baton Rouge, Louisiana. USA |
| Parker, G | Self-formed straight rivers with equilibrium banks and mobile bed. | Parker, G. (1978): Self-formed straight rivers with equilibrium banks and mobile bed. Part 1: The sand river. J. Fluid Mech., 89(1):109-126. |
| Peebles EB | Fish nursery use of the Little Manatee River estuary (Florida): relationships with freshwater discharge | Peebles EB, Flannery MS (1992) Fish nursery use of the Little Manatee River estuary (Florida): relationships with freshwater discharge. Final Report for Southwest Florida Water Management District, Tampa Bay Estuary Program, St. Petersburg, FL |
| Penfound, W.T. | Plant communities in the marshlands of southeastern Louisiana. | Penfound, W.T., and Hathaway, E.S. 1938. Plant communities in the marshlands of southeastern Louisiana. Ecol. Monogr. 8: 1-56. |
| Penland, S | Transgressive depositional systems of the Mississippi Delta Plain: a model for barrier shoreline and shelf sand development | Penland, S., Boyd, R., Suter, J.R., 1988. Transgressive depositional systems of the Mississippi Delta Plain: a model for barrier shoreline and shelf sand development. J. Sediment. Petrol. 58, 932–949. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Penland, S. | Relative sea-level rise in Louisiana and the Gulf of Mexico: 1908-1988. | Penland, S., and Ramsey, K.E. 1990. Relative sea-level rise in Louisiana and the Gulf of Mexico: 1908-1988. J. Coast. Res. 6: 323-342. |
| Perez, B.C | Influence of Atchafalaya River discharge and Winter frontal passage on suspended sediment concentration and flux in Fourleague Bay, LA | Perez, B.C., J. W. Day, L.J. Rouse, R.F. Shaw and M. Wang. 2000. Influence of Atchafalaya River discharge and Winter frontal passage on suspended sediment concentration and flux in Fourleague Bay, LA. Estuarine, Coastal and Shelf Science 50:271-290. |
| Perret, W. S | Monitoring and Assessment of the 1997 Bonnet Carre' Spillway Opening In Mississippi Sound, MS | Perret, W. S., Warren, J., Buchanan, M., Engel, L. (1998). Monitoring and Assessment of the 1997 Bonnet Carre' Spillway Opening In Mississippi Sound, MS. Completion Report. Mississippi Department of Marine Resources. Biloxi, MS. pp. 50. |
| Pezeshki, S. R | Factors controlling coastal wetland formation and losses in the northern Gulf of Mexico, USA. | Pezeshki, S. R., and R. D. DeLaune 1996. Factors controlling coastal wetland formation and losses in the northern Gulf of Mexico, USA. Recent Research and Developments in Coastal Resources, 1, 13-27. |
| Pezeshki, S. R | Response of Spartina patens to increasing levels of salinity in rapidly subsiding marshes of the Mississippi River deltaic plain | Pezeshki, S. R., R. D. DeLaune, and W. H. Patrick 1987. Response of Spartina patens to increasing levels of salinity in rapidly subsiding marshes of the Mississippi River deltaic plain.Estuarine, Coastal and Shelf Science, 24, 389-399 |
| Pezeshki, S.R | Sediment addition enhances transpiration and growth of Spartina alterniflora in deteriorating Lousiana Gulf Coast salt marshes. | Pezeshki, S.R., Delaune, R.D.,and Pardue, J.H. 1992. Sediment addition enhances transpiration and growth of Spartina alterniflora in deteriorating Lousiana Gulf Coast salt marshes. Wetlands Ecol. Manage. 1: 185-189. |
| Pezeshki, S.R. | Response of the freshwater marsh species, Panicum Hemitomon Schult., to increased salinity. | Pezeshki, S.R., Delaune, R.D., and Patrick, W.H., Jr. 1987c. Response of the freshwater marsh species, Panicum Hemitomon Schult., to increased salinity. Freshwater Biol. 17: 195-200. |
| Pezeshki, S.R. | Effects of flooding and salinity on photosynthesis of sagittaria lancifolia. | Pezeshki, S.R., Delaune, R.D., and Patrick, W.H., Jr. 1987b. Effects of flooding and salinity on photosynthesis of sagittaria lancifolia. Mar. Ecol. Prog. Ser. 41: 87-91. |
| Pezeshki, S.R. | Response of bald cypress (Taxodium distichum L. var. distichum) to increases in flooding and salinity in Louisiana's Mississippi River Deltaic Plain. | Pezeshki, S.R., Delaune, R.D., and Patrick, W.H., Jr. 1987a. Response of bald cypress (Taxodium distichum L. var. distichum) to increases in flooding and salinity in Louisiana's Mississippi River Deltaic Plain. Wetlands, 7: 1-10. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Pezeshki, S.R. | A comparative study of the response of Taxodium distichum and Nyssa aquatic seedlings to soil anaerobiosis and salinity. | Pezeshki, S.R. 1990. A comparative study of the response of Taxodium distichum and Nyssa aquatic seedlings to soil anaerobiosis and salinity. For. Ecol. Manage. 33/34: 531-541. |
| Phillips, L. A | Vertical Accretion and Marsh Elevation Dynamics on the Chenier Plain, Louisiana. | Phillips, L. A. 2002. Vertical Accretion and Marsh Elevation Dynamics on the Chenier Plain, Louisiana. MS Thesis. University of Louisiana at Lafayette, Lafayette, LA. USA. |
| Piazza, B. P | Restoration of the annual flood pulse in Breton Sound, Louisiana, USA | Piazza, B. P., LaPeyre, M. K. (2007). Restoration of the annual flood pulse in Breton Sound, Louisiana, USA: habitat change and nekton community response. Aquatic Biology. Vol. 1. pp 109-119. |
| Piper, D. Z | Geochemistry of Bed and Suspended Sediment in the Mississippi River System: Provenance Versus Weathering and Winnowing | Piper, D. Z., S. Ludington, J. S. Duval, and H. E. Taylor. 2006. Geochemistry of Bed and Suspended Sediment in the Mississippi River System: Provenance Versus Weathering and Winnowing. Science of the Total Environment 362, no. 1-3: 179-204. |
| Poach, M. E | Soil Phosphorous Characteristics of Natural and Created Wetlands in the Atchafalaya Delta, Louisiana, | Poach, M. E. and S. P. Faulkner. 1998. Soil phosphorus characteristics of created and natural wetlands in the Atchafalaya Delta, LA. Estuarine, Coastal and Shelf Science 46:195-203. |
| Poff, NL, | Homogenization of regional river dynamics by dams and global biodiversity implications | Poff, NL, J.D. Olden, D.M. Merritt, and D.M. Pepin. 2007. Homogenization of regional river dynamics by dams and global biodiversity implications. Proceedings of the National Academy of Sciences 104:5732-5737. |
| Postma, H | Sediment transport and sedimentation in the estuarine environment | Postma, H., 1967, Sediment transport and sedimentation in the estuarine environment, in Lauff, G.H., ed., Estuaries: Washington, D.C., American Association for the Advancement of Science, p. 158–179. |
| Powell, N. J | Mississippi River diversions for marsh creation. | Powell, N. J. 1991. Mississippi River diversions for marsh creation. Proceedings of the 18th Annual Conference and Symposium, Water Resources Planning and Management and Urban Water Resources, 239-43New Orleans, LA, USA: Publ by ASCE, New York, NY, USA. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Rabalais NN | Distribution and characteristics of hypoxia on the Louisiana Shelf in 1990 and 1991 | Rabalais NN, Turner RE,Wiseman WJ. 1992. Distribution and characteristics of hypoxia on the Louisiana Shelf in 1990 and 1991. Pages 15–20 in Nutrient Enhanced Coastal Ocean Productivity. Galveston (TX): Texas Sea Grant Program,Texas A&M University. Publication no.TAMU-SG- 92-109. |
| Rabalais, N.N | Nutrient-enhanced productivity in the northern Gulf of Mexico: Past, present, and future | Rabalais, N.N, R.E. Turner, Q. Dortch, D. Justic, V.J. Bierman, Jr., and W.J. Wiseman, Jr. 2002b. Nutrient-enhanced productivity in the northern Gulf of Mexico: Past, present, and future. Hydrobiologia 475/476:39-63. |
| Rabalais, N.N | Status and Trends of Eutrophication, Pathogen Contamination, and Toxic Substances in the Barataria-Terrebonne Estuarine System. | Rabalais, N.N. 1995. Status and Trends of Eutrophication, Pathogen Contamination, and Toxic Substances in the Barataria-Terrebonne Estuarine System. Thibodaux, La: Barataria-Terrebonne National Estuary Program. |
| Rabalais, N.N. | Beyond science into policy: Gulf of Mexico hypoxia and the Mississippi River | Rabalais, N.N., R.E. Turner, and D. Scavia. 2002a. Beyond science into policy: Gulf of Mexico hypoxia and the Mississippi River. Bioscience 52:1291-1242. |
| Rabalais, N.N. | Hypoxia in the northern Gulf of Mexico: Description, causes, and change | Rabalais, N.N. and R.E. Turner. 2001. Hypoxia in the northern Gulf of Mexico: Description, causes, and change. In Coastal Hypoxia: Consequences for Living Resources and Ecosystems |
| Rabalais, N.N. | Consequences of the 1993 Mississippi River flood in the Gulf of Mexico | Rabalais, N.N. Turner, R.E., Wiseman, W.J. and Dortch, Q. (1998) Consequences of the 1993 Mississippi River flood in the Gulf of Mexico. Regulated Rivers: Research and Management, 14:161-77. |
| Ragone C | Effect of salinity on infection progression and pathogenicity of Perkinsus marinus in the eastern oyster, Crassostrea virginica | Ragone C., L.M. ,and E.M. Burreson. 1993. Effect of salinity on infection progression and pathogenicity of Perkinsus marinus in the eastern oyster, Crassostrea virginica (Gmelin). Journal of Shellfish Research 12:1-7. |
| Randall, J. M | Effects of river discharge and vertical circulation on aquatic primary production in a turbid Louisiana (USA) estuary | Randall, J. M. and J. W. Day. 1987. Effects of river discharge and vertical circulation on aquatic primary production in a turbid Louisiana (USA) estuary. Netherlands Journal of Sea Research 21:231–242. |
| Rapp, J. M | Atchafalaya Sediment Delivery Project: Progress Report | Rapp, J. M., M. Fugler, C.K. Armbruster, and N.S. Clark. 2001. Atchafalaya Sediment Delivery Project:<br>Progress Report, Louisiana Department of Natural Resources, Baton Rouge, LA. |
| Raudkivi, A.J. | Loose Boundary Hydraulics | Raudkivi, A.J. (1976): Loose Boundary Hydraulics. Pergamon. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Raudkivi, A.J. | Study of sediment ripple formation. | Raudkivi, A.J. (1963): Study of sediment ripple formation. J. Hydr. Div., ASCE 89 (HY6):15-33. |
| Raynie, R. C | CWPPRA Adaptive Management Review Final Report | Raynie, R. C., Visser, J. M. (2002). CWPPRA Adaptive Management Review Final Report. Louisiana Department of Natural Resources: Coastal Restoration Division. Baton Rouge, Louisiana. pp 47. |
| Redalje, D.G | The relationship between primary production and the vertical export of Mississippi River Sediment, Nutrient, & Freshwater Redistribution Study particulate organic matter in a river-impacted coastal ecosystem | Redalje, D.G., S.E. Lohrenz, and G.L. Fahnenstiel. 1994. The relationship between primary production and the vertical export of Mississippi River Sediment, Nutrient, & Freshwater Redistribution Study particulate organic matter in a river-impacted coastal ecosystem. Estuaries 17(4):829-838. |
| Reed, D | Patterns of sediment deposition in subsiding coastal salt marshes, Terrebonne Bay, Louisiana: The role of winter storms. | Reed, D. 1989. Patterns of sediment deposition in subsiding coastal salt marshes, Terrebonne Bay, Louisiana: The role of winter storms. Estuaries 12:222-227. |
| Reed, D. J | Effect of hydrologic management on marsh surface sediment deposition in coastal Louisiana. | Reed, D. J., N. DeLuca, and A. L. Foote. 1997. Effect of hydrologic management on marsh surface sediment deposition in coastal Louisiana. Estuaries 20:301–311. |
| Reed, D. J | Status and Historical Trends of Hydrologic Modification, Reduction in Sediment Availability, and Habitat Loss/Modification in the Barataria and Terrebonne Estuarine System<br>River downdrift to the Louisiana Chenier Plain | Reed, D. J. (ED.). 1995. Status and Historical Trends of Hydrologic Modification, Reduction in Sediment Availability, and Habitat Loss/Modification in the Barataria and Terrebonne Estuarine System. Barataria-Terrebonne National Estuary Program Publication No. 20, Thibodeaux, Louisiana. |
| Reed, D. J | Sea-level rise and coastal marsh sustainability: Geological<br>and ecological factors in the Mississippi delta plain | Reed, D. J. Sea-level rise and coastal marsh sustainability: Geological<br>and ecological factors in the Mississippi delta plain. Geomorphology 48,<br>233_243 (2002). |
| Reed, D. J | Effect of weirs on sediment deposition in Louisiana coastal marshes. | Reed, D. J. 1992. Effect of weirs on sediment deposition in Louisiana coastal marshes. Environmental Management 16:55–65. |
| Reed, D.J. | Sediment dynamics, deposition, and erosion in temperate salt marshes | Reed, D.J. 1995. Sediment dynamics, deposition, and erosion in temperate salt marshes.<br>Journal of Coastal Research 11:295. |
| Reizes, J A, | A numerical study of the suspension of particles in a horizontally flowing fluid | Reizes, J A, (1977) A numerical study of the suspension of particles in a horizontally flowing fluid, paper presented at 6th Australasian Hydraulics and Fluid Mechanics Conference, Adeaide. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Reuss, M. | Designing the Bayous. The Control of Water in the Atchafalaya Basin 1800-1995. | Reuss, M. 1998. Designing the Bayous. The Control of Water in the Atchafalaya Basin 1800-1995. Office of History U.S. Army Corps of Engineers, Alexandria, VA, USA. |
| Reyes, E | Watershed analysis of pulsing freshwater events using landscape modeling in coastal Louisiana<br>Interpretive Topic Series on Coastal Wetland Restoration in Louisiana, Coastal Wetland Planning,<br>Protection, and Restoration Act | Reyes, E., R. Lane, and J.W. Day. 2003. Watershed analysis of pulsing freshwater events using landscape modeling in coastal Louisiana. In Proceedings of the First Interagency Conference on Research in the Watershed, Benson, AZ, October 27-30, 2003. |
| Reyes, E. | Habitat changes in the Mississippi Delta: Future scenarios and alternatives. In Explicit Landscape Modeling | Reyes, E., J.F. Martin, M.L. White, J.W. Day, and G.P. Kemp. 2003. Habitat changes in the Mississippi Delta: Future scenarios and alternatives. In Explicit Landscape Modeling, Voinov, A. and R. Costanza, (eds.). Springer-Verlag, New York, NY. |
| Reyes, E. | Landscape modeling of coastal habitat change in the Mississippi Delta. | |
| Reyes, E., M. | Landscape modeling<br>of coastal habitat change in the Mississippi delta | Reyes, E., M. White, J. Martin, P. Kemp, J. Day, and V. Aravamuthan. 2000. Landscape modeling<br>of coastal habitat change in the Mississippi delta. Ecology. 81: 2331-2349. |
| Richardson, J.F | Sedimentation and fluidization | Richardson, J.F. and Zaki, W.N. (1954): Sedimentation and fluidization, Part 1. Trans. Instn. Chem. Engrs., Vol. 32., pp 35-53. |
| Rick, S | Benthic and pelagic nutrient cycling in a coastal watershed influenced by river diversions (Caernarvon, Louisiana) | Rick, S., Rick, H.H., Twilley, R., 2003. Benthic and pelagic nutrient cycling in a coastal watershed influenced by river diversions (Caernarvon, Louisiana). In: ERF Conference Proceedings, Seattle, Washington, September 14–18, 2003. |
| Rioual, C. | Response scenarios for the deltaic plain of the Rhone in the face of an acceleration in the rate<br>of sea level rise, with a special attention for Salicornia-type environments | Pont, D., J. Day, P. Hensel, E. Franquet, F. Torre, P. Rioual, C. Ibanez, and E. Coulet. 2002.<br>Response scenarios for the deltaic plain of the Rhone in the face of an acceleration in the rate<br>of sea level rise, with a special attention for Salicornia-type environments. Estuaries. 25: |
| Robbins, L. | Suspended sediment and bed material studies on the Lower Mississippi River | Robbins, L. (1977) Suspended sediment and bed material studies on the Lower Mississippi River. 1977. |
| Robbins, L.G | Suspended Sediment and Bed Material Studies on the Lower Mississippi River. | Robbins, L.G. 1977. Suspended Sediment and Bed Material Studies on the Lower Mississippi River. Potamology Investigation Report 300-1. U.S. Army Corps of Engineers, Vicksburg, MS. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Roberts, David | Abatement of wetland loss in Louisiana through diversions of Mississippi river water using siphons | Roberts, David, van Beek, Johannes, Fournet, Stephen and Williams, Jeffress S., 1992. Abatement of wetland loss in Louisiana through diversions of Mississippi river water using siphons. Department of the interior U.S. Geological Survey. Open file report 92-274 |
| Roberts, H. H | Evolution of sand-dominated subaerial phase, Atchafalaya Delta, Louisiana. | Roberts, H. H., R. D. Adams, and R. H. W. Cunningham. 1980. Evolution of sand-dominated subaerial phase, Atchafalaya Delta, Louisiana. The American Association of Petroleum Geologist Bulletin 64:264–279. |
| Roberts, H. H | Early Responses to the Atchafalaya River Diversion | Roberts, H. H. 1998. Delta Switching: Early Responses to the Atchafalaya River Diversion. Journal of Coastal Research 14, no. 3: 882-99. |
| Roberts, H.H | Dynamic changes of the Holocene Mississippi River Delta plain: The delta cycle | Roberts, H.H. 1997. Dynamic changes of the Holocene Mississippi River Delta plain: The delta cycle. Journal of Coastal Research 13:605-627. |
| Roberts, H.H. | Delta switching: Early responses to the Atchafalaya River diversion | Roberts, H.H. 1998. Delta switching: Early responses to the Atchafalaya River diversion. Journal of Coastal Research 14(3):882-899. |
| Roberts, Harry H. | Evolution of Sedimentary Architecture and Surface Morpology: Atchafalaya and Wax Lake Deltas | Evolution of Sedimentary Architecture and Surface Morpology: Atchafalaya and Wax Lake Deltas (1973-1994) : ABSTRACT ROBERTS, HARRY H., ROBCUNNIN AAPG Bulletin Volume 81 (1997) (1997) Atchafalaya-Wax Lake Deltas: the new regressive phase of the Mississippi River Delta complex/guidebook authored by Harry H. Roberts and John Sneider. |
| Roberts, N | Carenarvon.s Impact on Fisheries: A Sportsman.s Perspective patens marsh: response to nutrient input and lowering of salinity. | Roberts, N. (1998) Carenarvon.s Impact on Fisheries: A Sportsman.s Perspective, pp. 47-50 in .Freshwater Diversion: A Public Forum., J. Horst, moderator, Louisiana Sea Grant Marine Advisory Service, Louisiana Cooperative Extension Service, October 1998. |
| Rouse, H. | Turbulence characteristics of the hydraulic pump. | Rouse, H., Siao, T.T. and Nagaratnam, S. (1958): Turbulence characteristics of the hydraulic pump. Proc. ASCE, 84(HY1):1-30. |
| Rozas L. P. | Hydroperiod and its influence on nekton use of the salt marsh: a pulsing ecosystem | Rozas LP (1995) Hydroperiod and its influence on nekton use of the salt marsh: a pulsing ecosystem. Estuaries 18:579–590 |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Rozas L. P. | Macrofaunal distributions and habitat change following winter-spring pulsed releases of freshwater into the Breton Sound estuary, Louisiana | Rozas LP, Minello TJ, Munuera-Fernandez I, Fry B, Wissel B (2005) Macrofaunal distributions and habitat change following winter-spring pulsed releases of freshwater into the Breton Sound estuary, Louisiana. Estuar Coast Shelf Sci 65: 319–336 |
| Ruetz C. R III | Population dynamics of wetland fishes: spatio-temporal patterns synchronized by hydrological disturbance | Ruetz CR III, Trexler JC, Jordan F, Loftus WF, Perry SA (2005) Population dynamics of wetland fishes: spatio-temporal patterns synchronized by hydrological disturbance? J Anim Ecol 74:322–332 |
| Russell, R. J. | Mississippi River delta sedimentation | Russell, R.J., Russell, R.D., 1939. Mississippi River delta sedimentation. In: Recent Marine Sediments, American Association of Petroleum Geologists, pp. 153–177. |
| Russell, R. J. | Physiography of lower Mississippi River Delta | Russell, R. J. (1936). Physiography of lower Mississippi River Delta. La. Dept. Cons. Geol. Survey Bull., No. 8, pp. 1-199. |
| Rybczyk, J | A relative elevation model for a subsiding coastal forested wetland receiving wastewater effluent | Rybczyk, J.M., Callaway, J.C. and J.W Day, Jr. . 1998. A relative elevation model for a subsiding coastal forested wetland receiving wastewater effluent. Ecological Modelling. 112: 23-44. |
| Rybczyk, J | The impact of Hurricane Andrew on tree mortality, litterfall and water quality in a Louisiana coastal swamp forest. | Rybczyk, J., X.W. Zhang, J. Day, I. Hesse, and S. Feagley. 1995. The impact of Hurricane Andrew on tree mortality, litterfall and water quality in a Louisiana coastal swamp forest. Journal of |
| Rybczyk, J. | Nutrient enrichment and decomposition wetland in wetland ecosystems: models, analyses and effects | Rybczyk, J., G. Garson, and J. Day. 1996. Nutrient enrichment and decomposition wetland in wetland ecosystems: models, analyses and effects. Currents Topics in Wetland Biogeochemistry, 2:52-72. |
| Rybczyk, J. M | The impact of wastewater effluent of accretion and decomposition in a subsiding forested wetland. | Rybczyk, J. M., Day, J. W., Jr., Conner, W. H. 2002. The impact of wastewater effluent of accretion and decomposition in a subsiding forested wetland. Wetlands 22, 18-32. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Sabo, Matthew J | Hydrology and Aquatic Habitat Chaaracteristics of a riverine swamp: I. Influence of flow on water temperature and chemistry | Sabo, Matthew J., Bryan, C. Fredrick, Kelso, William E., Rutherford, Allen. 1999. Hydrology and Aquatic Habitat Chaaracteristics of a riverine swamp: I. Influence of flow on water temperature and chemistry. Regulated Rivers: Research & Management. vo1 5: 6: 505-523 |
| Sasser, C. E. | Ecological Evaluation of the CWPPRA Central and Eastern Terrebonne Basin Freshwater Delivery Project | Sasser, C. E., D. E. Evers, J. G. Gosselink, Jr. G. O. Holm, E. M. Swenson, and J. M. Visser. 2002. Ecological Evaluation of the CWPPRA Central and Eastern Terrebonne Basin Freshwater Delivery Project, Coastal Ecology Institute; School of the Coast and Environment, LSU. |
| Sasser, C.E | Vegetation and Primary Production in a Floating Freshwater Marsh in Louisiana. | Sasser, C.E., and J.G. Gosselink. 1984. Vegetation and Primary Production in a Floating Freshwater Marsh in Louisiana. Aquatic Botany 20: 245-255. |
| Sasser, C.E | Vegetation Dynamics in Relation to Nutrients in Floating Marshes in Louisiana, U.S.A. | Sasser, C.E. 1994. Vegetation Dynamics in Relation to Nutrients in Floating Marshes in Louisiana, U.S.A. Ph.D. Dissertation, University of Utrecht, The Netherlands, 193 pp. |
| Sasser, C.E | Hydrologic, Vegetation, and Substrate Characteristics of Floating Marshes in Sedimentrich Wetlands of the Mississippi River Delta Plain, Louisiana, USA | Sasser, C.E., J.G. Gosselink, E.M. Swenson, and D.E. Evers. 1995a. Hydrologic, Vegetation, and Substrate Characteristics of Floating Marshes in Sedimentrich Wetlands of the Mississippi River Delta Plain, Louisiana, USA. Wetlands Ecology 3(3): 171-187. |
| Sato, Y | Langrangian measurement of fluid particle motion in an isotropic turbulent field, | Sato, Y & K Yamamoto (1987): Langrangian measurement of fluid particle motion in an isotropic turbulent field, J Fluid Mech, Vol 175, 183-199. |
| Shaffer, G. P | Ecosystem Health of the Maurepas Swamp: Feasibility and Projected Beneifts of a Freshwater Diversion | Shaffer, G. P., T.E. Perkins, S. Hoeppner, S. Howell, H. Benard, and A.C. Parsons. 2003. Ecosystem Health of the Maurepas Swamp: Feasibility and Projected Beneifts of a Freshwater Diversion, Environmental Protection Agency, Dallas, TX. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Shaffer, G.P | Characterization of ecosystem health of the Maurepas Swamp, Lake Pontchartrain Basin, Louisiana: feasibility and projected benefits of a freshwater diversion | Shaffer, G.P., Willis, J.M., Hoeppner, S.S., Parsons, A.C., Hester, M.W. 2001. Characterization of ecosystem health of the Maurepas Swamp, Lake Pontchartrain Basin, Louisiana: feasibility and projected benefits of a freshwater diversion. In: Diversion into the Maurepas Swamps: Complex Project Coastal Wetlands Planning, Protection, and Restoration Act. US EPA, Region Six Report WA #5-02. |
| Shields, F | Water Quality Effects of Excavation and Diversion | Shields, F. Douglas, and Thomas G. Sanders. 1986. Water Quality Effects of Excavation and Diversion. Journal of Environmental Engineering 112, no. 2: 211-28. |
| Shields, F. D | Sediment Deposition in Cutoff Meander Bends and Implications for Effective Management | Shields, F. D., and S. R. Abt. 1989. Sediment Deposition in Cutoff Meander Bends and Implications for Effective Management. Regulated Rivers Research and Management 4, no. 4: 381-96. |
| Silliman, B. R | Drought, snails, and large-scale die-off of southern U.S. salt marshes | Silliman, B. R., J. van de Koppel, M. D. Bertness, L. E. Stanton, and I. A. Mendelssohn. 2005. Drought, snails, and large-scale die-off of southern U.S. salt marshes. Science 310:1803-1806. |
| Sillman, B.R. | A trophic cascade regulates salt marsh primary production. | Sillman, B.R., and Bertness, M.D. 2002. A trophic cascade regulates salt marsh primary production. Proc. Nat'l. Acad. Sci. U.S.A. 99: 10500-10505. |
| Silva, M | The Louisiana Responses to Land Subsidence and Coastal Erosion | Silva, M. and Meo M. 1985.The Louisiana Responses to Land Subsidence and Coastal Erosion. Woods Hole Geographic Institute. Oceans. 17:594-599. |
| Simons, D.B | Flume studies using medium sand (0.45 mm). | Simons, D.B., Richardson, E.V. and Albertson, M.L. (1961): Flume studies using medium sand (0.45 mm). US geol. Surv., Water-Supply Paper 1498-A. |
| Sinclair, A.R.E. | Testing hypothesis of trophic level interactions: a boreal forest ecosystem. | Sinclair, A.R.E. Krebs, C.J., Fryxell, J.M., Turkington, R. Boutin, S., Boonstra, R., Seccombe-Hett, P., Lundberg, P., and Oksanen, L. 2000. Testing hypothesis of trophic level interactions: a boreal forest ecosystem. Oikos, 89: 313-328. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Singh, V. P | Coastal hydrology and processes | Singh, V. P & Xu, J. (Eds.). (2006). Coastal hydrology and processes: proceedings of the AIH 25th Anniversary Meeting & International Conference "Challenges in Coastal Hydrology and Water Quality". Water Resources Publications. Highlands Ranch. |
| Sivakumar, B | Predictability of River Flow and Suspended Sediment Transport in the Mississippi River Basin: a Non-Linear Deterministic Approach | Sivakumar, B., and W. W. Wallender. 2005. Predictability of River Flow and Suspended Sediment Transport in the Mississippi River Basin: a Non-Linear Deterministic Approach. Earth Surface Processes and Landforms 30, no. 6: 665-77. |
| Sivakumar, B. | Suspended sediment load transport in the Mississippi River basin at St. Louis: temporal scaling and nonlinear determinism | Sivakumar, B., and Chen, J. (2006). Suspended sediment load transport in the Mississippi River basin at St. Louis: temporal scaling and nonlinear determinism. Earth Surface Processes and Landforms 32:2 269-280 |
| Sklar, F.H | Coastal Environmental Impacts Brought About by Alterations to Freshwater Flow in the Gulf of Mexico | Sklar, F.H., and J.A. Browder. 1998. Coastal Environmental Impacts Brought About by Alterations to Freshwater Flow in the Gulf of Mexico. Environmental Management 22, no. 4: 547-62. |
| Sklar, F.H | Characteristics of phytoplankton production off Barataria Bay in an area influenced by the Mississippi River Adjacent Wetlands | Sklar, F.H. and R.E. Turner. 1981. Characteristics of phytoplankton production off Barataria Bay in an area influenced by the Mississippi River. Contribution in Marine Science 24:93-106. |
| Sklar, F.H. | Dynamic spatial simulation modeling of coastal wetland habitat succession | Sklar, F.H., R. Costanza, and J.W. Day. 1985. Dynamic spatial simulation modeling of coastal wetland habitat succession. Ecological Modelling 29:261-281. |
| Sleath, J F A | Bed friction and velocity distributions in combined steady and oscillatory flow. | Sleath, J F A (1990): Bed friction and velocity distributions in combined steady and oscillatory flow. Proc 22nd Int Conf Coastal Eng, Delft, pp 450-463. |
| Slocum, M. G | Effects of sediment slurry enrichment on salt marsh rehabilitation: Plant and soil responses over seven years | Slocum, M. G., I. A. Mendelssohn, and N. L. Kuhn. 2005. Effects of sediment slurry enrichment on salt marsh rehabilitation: Plant and soil responses over seven years. Estuaries 28:519-528. |
| Smith LM | The response of the Lower Mississippi River to river engineering. | Smith LM, Winkley BR. 1996. The response of the Lower Mississippi River to river engineering. Engineering Geology 45: |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Smith, A. | Channel sedimentation and dredging problems, Mississippi River and Louisiana Gulf Coast access channel. | Smith, A., 1963. Channel sedimentation and dredging problems, Mississippi River and Louisiana Gulf Coast access channel. Proceedings of the Federal Interagency Sedimentation Conference. U.S. Department of Agriculture Miscellaneous Publication, vol. 970, pp. 618– 626. |
| Smith, C.J | Fate of riverine nitrate entering an estuary: I. Denitrification and Nitrogen Burial. | Smith, C.J., R.D. DeLaune, and W.H. Patrick, Jr. 1985. Fate of riverine nitrate entering an estuary: I. Denitrification and Nitrogen Burial. Estuaries. 8:15-21. |
| Smith, J.D. | Boundry layer adjustments to bottom topography and suspended sediment. | Smith, J.D. and McLean, S.R. (1977): Boundry layer adjustments to bottom topography and suspended sediment. In: Bottom Turbulence, Ed. By J. Nihoul, Elsevier, Amsterdam, pp. 123-151. |
| Smith, R. P | Historic Sediment Accretion Rates in a Louisiana Coastal Marsh and Implications for Sustainability | Smith, R. P. (2009) Historic Sediment Accretion Rates in a Louisiana Coastal Marsh and Implications for Sustainability. Masters Thesis. Louisiana State University. Baton Rouge, Louisiana. USA. |
| Smith, Scot E | Environmental impacts of river diversion: Gabcikovo barrage system | Smith, Scot E., Gyorgy Buttner, Ferenc Szilagyi, Lajos Horvath, and Joseph Aufmuth. 2000. Environmental impacts of river diversion: Gabcikovo barrage system. Journal of Water Resources<br>Planning and Management 126, no. 3: 138-45. |
| Snedden G. A. | Sediment discharge into a subsiding Louisiana deltaic estuary<br>through aMississippi River diversion. | Snedden GA, Cable JE, Swarzenski CM, Swenson EM (2006)<br>Sediment discharge into a subsiding Louisiana deltaic estuary<br>through a Mississippi River diversion. EstuarCoast Shelf<br>Sci 71:181–193. |
| Snedden, G. A | Sediment Discharge Into a Subsiding Louisiana Deltaic Estuary Through a Mississippi River Diversion | Snedden, G. A., J. E. Cable, C. Swarzenski, and E. Swenson. 2007. Sediment Discharge Into a Subsiding<br>Louisiana Deltaic Estuary Through a Mississippi River Diversion. Estuarine Coastal and Shelf Science<br>71, no. 1-2: 181-93. |
| Snedden, G. A | Effects of an Experimental Pulsed River Flood on Hydrolic Circulation in the Breton Sound Estuary | Snedden, G. A., Cable, J. E., Swenson, E., Tarver, A. N. (2001) Effects of an Experimental Pulsed River Flood on Hydrolic Circulation in the Breton Sound Estuary. Louisiana State University, Baton Rouge LA. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Snedden, G. A | Subtidal Sea Level Variability in a Shallow Mississippi River Deltaic Estuary, Louisiana | Snedden, G. A., Cable, J. E., Wiseman, W. J. (2007). Subtidal Sea Level Variability in a Shallow Mississippi River Deltaic Estuary, Louisiana. Estuaries and coasts. 30:5 p802-812 |
| Snedden, G. A | A Wavelet Analysis of Subtitle Sea Level Variability in a Deltaic Estuary in Response to Nonstationary Atmospheric and Fluvial Forcing | Snedden, G. A., Cable, J. E. (2007) A Wavelet Analysis of Subtitle Sea Level Variability in a Deltaic Estuary in Response to Nonstationary Atmospheric and Fluvial Forcing. In Coastal Hydrology and Processes. Singh, V. P., and Jun Xu, Y. Eds. pp 534. |
| Soar, P. J | Channel geometry analysis technique for the lower Mississippi River | Soar, P. J., Thorne, C. R., Harmar, O. P., Biedenharn, D. S. and Pinkard, C. F. 2008. Channel geometry analysis technique for the lower Mississippi River. In: Gupta, A. (Ed.), Large Rivers: Geomorphology and Management. John Wiley and Sons, Chichester, 553-570. |
| Soniat, T.M | Changes in levels of infection of oysters by Perkinsus marinus, with special reference to the interaction of temperature and salinity upon parasitism. | Soniat, T.M. 1985. Changes in levels of infection of oysters by Perkinsus marinus, with special reference to the interaction of temperature and salinity upon parasitism. Northeast Gulf Science 7(2): 171-174. |
| Soulsby, R. L. | A criterion for the effect of suspended sediment on near-bottom velocity profiles. | Soulsby, R. L. and Wainwright, B.L.S.A. (1987): A criterion for the effect of suspended sediment on near-bottom velocity profiles. J, Hydr. Res., 25(3):341-356. |
| Soulsby, R.L | Aspects of sediment transport by combined waves and currents. | Soulsby, R.L. (1991): Aspects of sediment transport by combined waves and currents. IAHR Symp. On the Transport of Suspended Sediments and its Mathmatical Modeling, Florence, Italy, pp 709-722. |
| Souther, R.F. | The effects of submergence and light on two age classes of baldcypress (Taxodium distichum) seedlings. | Souther, R.F., and Shaffer, G.P. 2000. The effects of submergence and light on two age classes of baldcypress (Taxodium distichum) seedlings. Wetlands, 20: 697-706. |
| Stem, M. | Nutrient transport in a riverine-influenced, tidal freshwater bayou in Louisiana | Stern, M., J. Day, and K. Teague. 1991. Nutrient transport in a riverine-influenced, tidal freshwater bayou in Louisiana. Estuaries, 144):382-394. |
| Stephens, D.G | Destructive phase of deltaic development: North Santee River delta | Stephens, D.G., Van Nieuwenhuise, D.S., Mullin, P., Lee, C., Kanes, W.H., 1976. Destructive phase of deltaic development: North Santee River delta. J. Sediment. Petrol. 46, 132–144. |
| Stern, M. K. | Nutrient transport in a riverine influenced, tidal freshwater bayou in Louisiana | Stern, M. K., J. W. Day and K. G. Teague. 1991. Nutrient transport in a riverine influenced, tidal freshwater bayou in Louisiana. Estuaries. 14: 382-394. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Stern, M.K | Seasonality of materials transport through a coastal freshwater marsh: Riverine versus tidal forces | Stern, M.K., J.W. Day, Jr. and K.G. Teague. 1986. Seasonality of materials transport through a coastal freshwater marsh: Riverine versus tidal forces. Estuaries 9(4a):301-308. |
| Stevenson, J.C | Vertical accretion in marshes with varying rates of sea level rise | Stevenson, J.C., Ward, L. G., Kearney, M. S. 1986. Vertical accretion in marshes with varying rates of sea level rise. In: Estuarine variability. Academic Press, NY, pp. 241-260. |
| Stewart | Modeling oyster growth rate by coupling oyster population and hydrodynamic models for Apalachicola Bay, Florida, USA. | Stewart, and X. Liu. 2008 Modeling oyster growth rate by coupling oyster population and hydrodynamic models for Apalachicola Bay, Florida, USA. Ecological Modeling 211:77-89. |
| Stokstad, E | After Katrina: Tapping a River to Restore and Build Up Wetlands | Stokstad, E. 2005. After Katrina: Tapping a River to Restore and Build Up Wetlands. Science. Volume 310: no. 5752: 1265. |
| Stokstad, E. | GEOLOGY: Katrina Study Stirs Debate on Coastal Restoration | Stokstad, E. (2006). GEOLOGY: Katrina Study Stirs Debate on Coastal Restoration. Science. 313:5794 p 1713. |
| Stone, J. | The Impact of Possible Climatic Changes on Estuarine Ecosystems | J. Stone, J. Day, L. Bahr and R. Muller. 1978. The Impact of Possible Climatic Changes on Estuarine Ecosystems. Estuarine Interactions ??:305-322. |
| Sumer, B.M. | Particle motions near the bottom in turbulent fllow in an open channel. Part 2. | Sumer, B.M. and Deigaard, R. (1981); Particle motions near the bottom in turbulent fllow in an open channel. Part 2. J. Fluid Mech., 109:311-338. |
| Sutula, M. | Effect of seasonal sediment storage in the lower Mississippi River on the flux of reactive particulate phosphorous to the Gulf of Mexico: | Sutula, M., Bianchi, T.S., and McKee, B.A., 2004, Effect of seasonal sediment storage in the lower Mississippi River on the flux of reactive particulate phosphorous to the Gulf of Mexico: Limnology and Oceanography, v. 49, p. 2223–2235. |
| Svendsen, I. A. | Jonsson, I. G. | Svendsen, I. A. and Jonsson, I. G. (1976): Hydrodynamics of Coastal Regions. Lyngby, Den Private Ingeniorfond, Technical University of Denmark. |
| Svendsen, L.A. | Energy dissipation in hydraulic pumps and breaking waves. | Svendsen, L.A. and Madsen, P. (1981): Energy dissipation in hydraulic pumps and breaking waves. Progress Report No. 55 Inst. of Hydrodynamics and Hydraulic Engineering, ISVA, Techn. Univ. Denmark, pp. 39-47. |
| Swarzenski, C. M | Biogeochemical response of organic-rich freshwater marshes in the Louisiana delta plain to chronic river water influx | Swarzenski, C. M., Doyle, T. W., Fry, B. Hargis, T. G. (2008). Biogeochemical response of organic-rich freshwater marshes in the Louisiana delta plain to chronic river water influx. Biogeochemistry, Vol 90 pp 49-63. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Swarzenski, P. | Geophenomena: Tracking Contaminants Down the Mississippi. | Swarzenski, P. and Campbell, P. (2004) Geophenomena: Tracking Contaminants Down the Mississippi. Geotimes. 49:5 p40-41. |
| Swarzenski, P.W | On the world-wide riverine delivery of sediment-hosted contaminants to the ocean | Swarzenski, P.W. and Campbell, P.L. On the world-wide riverine delivery of sediment-hosted contaminants to the ocean. Encyclopedia of Hydrological Sciences, Wiley, Bristol, UK (in review). |
| Swarzenski, P.W | Seasonal uranium distributions in the coastal waters off the Amazon and Mississippi Rivers. | Swarzenski, P.W. and McKee, B.A. (1999) Seasonal uranium distributions in the coastal waters off the Amazon and Mississippi Rivers. Estuaries, 21:379-90. |
| Swenson, E. | Influence of a Freshwater Diversion on Overland Flow in a Louisiana Deltaic Plain Estuary | Swenson, E., Cable, J. E., Snedden, G. (2007). Influence of a Freshwater Diversion on Overland Flow in a Louisiana Deltaic Plain Estuary. Proceeds from a conference: Hydrologic Processes: From Shoreline Seepage to Shelf Dynamics. Louisiana State University, Baton Rouge. LA. |
| Swenson, E.M | Estuarine flushing times influenced by freshwater diversions | Swenson, E.M., J.E. Cable, B. Fry, D. Justic, A. Das, G. Snedden and C. Swarzenski. 2006. Estuarine flushing times influenced by freshwater diversions. In: V.P. Singh and Y.J. Xu, (eds.). Coastal Hydrology and Process, Water Resources Publications, LLC, Highland Ranch, CO, USA. pp403-412. |
| Swenson, E.M | Past, Present, and Probable Future Salinity Variations in the Barataria Estuarine system. Baton Rouge, La | Swenson, E.M., and R.E. Turner. 1998. Past, Present, and Probable Future Salinity Variations in the Barataria Estuarine system. Baton Rouge, La: Coastal Ecology Institute, CCEER, Louisiana State University. |
| Taylor, H.E | The occurrence and distribution of trace metals in the Mississippi River and its tributaries | Taylor, H.E., Garbarino. J.R. and Brinton, T.I. (1990) The occurrence and distribution of trace metals in the Mississippi River and its tributaries. Science of the Total Environment, 97/98:369-84. |
| Taylor, K.L. | The effects of vertebrate herbivory on plant community structure in coastal mashes of the Pearl River, Louisiana, USA. | Taylor, K.L., and Grace, J.B. 1995. The effects of vertebrate herbivory on plant community structure in coastal mashes of the Pearl River, Louisiana, USA. Wetlands, 15: 68-73. |
| Taylor, K.L. | The effects of herbivory on neighbor interactions along a coastal marsh gradient. | Taylor, K.L., and Grace, J.B., and Marx, B.D. 1997. The effects of herbivory on neighbor interactions along a coastal marsh gradient. Am. J. Bot. 84: 708-715. |
| Teague, K. | Sediment-water oxygen and nutrient fluxes in a river-dominated estuary | Teague, K., J. Day, and C. Madden. 1988. Sediment-water oxygen and nutrient fluxes in a river-dominated estuary. Estuaries. 11:1-9. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Templet, Paul H | Louisiana wetland loss: regional water management Approach to the problem | Templet, Paul H., Meyer-Arendt, Kaus J.1988. Louisiana wetland loss: regional water management Approach to the problem. Environmental Management Vol. 12, No. 2, pp. 181-192. |
| Thomas, N.H | Grid turbulence near a moving well | Thomas, N.H. and Hancock, P.E. (1977): Grid turbulence near a moving well. J. Fluid Mech., 82:481-496. |
| Thomas, R. G. | Fish habitat and coastal restoration in Louisiana | Thomas, R. G. 1999. Fish habitat and coastal restoration in Louisiana. Pages 240-251 in L. R. Benaka, editor. Fish habitat: essential fish habitat and rehabilitation. American Fisheries Society, Symposium 22, Bethesda, Maryland. |
| Thomson, D.A. | The influence of hydrological alterations upon wetland hydrodynamics and plant growth on the Manchac Landbridge | Thomson, D.A. 2000. The influence of hydrological alterations upon wetland hydrodynamics and plant growth on the Manchac Landbridge. M.Sc. thesis, Southeastern Louisiana University, Hammond, LA, USA. |
| Thomson, D.A. | A potential interaction between sea-level rise and global warming: Implications for coastal stability on the Mississippi River Deltaic Plain. | Thomson, D.A., Shaffer, G.P., and McCorquodale, J.A. 2002. A potential interaction between sea-level rise and global warming: Implications for coastal stability on the Mississippi River Deltaic Plain. Global Planet. Change, 32: 49-59. |
| Thorne, C. R | Current and Historical Sediment Loads in the Lower Mississippi River: Third Interim Technical Report | Thorne, C. R., Harmar, O. P., Watson, C., Clifford, N., Measures, R., Biedenharn, D. (2007). Current and Historical Sediment Loads in the Lower Mississippi River: Third Interim Technical Report. United States Army: European Research Office of the U. S. Army. London, England. pp. 7. |
| Thorne, C. R | Regional Sediment Analysis of Mississippi River Sediment Transport and Hydrographic Survey Data | Thorne, C. R., Harmar, O. P., Britnell, S. (2002). Regional Sediment Analysis of Mississippi River Sediment Transport and Hydrographic Survey Data. U.S. Army Research, Development and Standardization Group-U.K., London. pp. 20. |
| Thorne, C. R | Current and Historical Sediment Loads in the Lower Mississippi River: Second Interim Technical Report | Thorne, C. R., Harmar, O. P., Watson, C., Clifford, N., Measures, R., Biedenharn, D. (2007). Current and Historical Sediment Loads in the Lower Mississippi River: Second Interim Technical Report. United States Army: European Research Office of the U. S. Army. London, England. pp. 11. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Thorne, C. R | Sediment Transport in the Lower Mississippi River: Final Report | Thorne, C. R., Harmar, O. P., Wallerstein, N. (2000). Sediment Transport in the Lower Mississippi River: Final Report. U.S. Army Research, Development and Standardization Group-U.K., London. pp. 53. |
| Tockner K, | An extension of the flood pulse concept. | Tockner K, Milard F, Ward JV. 2000. An extension of the flood pulse concept. Hydrological Processes 14: 2861–2883. |
| Toner, M. | River hydrology and riparian wetlands: a predictive model for ecological assembly | Toner, M., and Kreddy, P. 1997. River hydrology and riparian wetlands: a predictive model for ecological assembly, Ecol. Appl. 7: 236-246. |
| Tooby, P F, | The motion of a small sphere in a rotating velocity field: A possible mechanism for suspending particles in turbulence | Tooby, P F, G L Wick, & J D Isacs, (1977): The motion of a small sphere in a rotating velocity field: A possible mechanism for suspending particles in turbulence, J Geophysical Res, 82 (15), 2096-2100. |
| Törnqvist, T. E | Mississippi Delta subsidence primarily caused by compaction of Holocene strata. | Törnqvist, T. E. et al. Mississippi Delta subsidence primarily caused by compaction of Holocene strata. Nature Geosci. 1, 173_176 (2008). |
| Törnqvist, T. E | Comment on "Wetland Sedimentation from Hurricanes Katrina and Rita | Törnqvist, T. E., Paola, C., Parker, G., Liu, K., Mohrig, D., Holbrook, J. M., Twilley, R. R. (2007). Comment on "Wetland Sedimentation from Hurricanes Katrina and Rita". Science. 316:5822 p 201 |
| Trefry, J.H. III | Trace metal fluxes through the Mississippi River delta system | Trefry, J.H. III, Nelson, T.A., Trocine, R.P., Metz, S. and Vetter, T.W. (1986) Trace metal fluxes through the Mississippi River delta system. In Contaminant fluxes through the coastal zone, Kullenberg, G., ed. Rapparts et Proces-Verbaux des Reunions Conseil International pour l'Exploration de la Mer, 186: 277-288. |
| Trepagnier, C. M | Evaluation of Three Crevasse Splay Marsh Creation Projects at the Mississippi River Delta | Trepagnier, C. M., B. Good, G. D. Steyer, W. B. Sutton, and M. Windham. 1992. Evaluation of Three Crevasse Splay Marsh Creation Projects at the Mississippi River Delta. |
| Turner RE | A comparative mass balance budget (C, N, P and suspended solids) for natural swamp and overland flow systems. | Turner RE. 1998. A comparative mass balance budget (C, N, P and suspended solids) for natural swamp and overland flow systems. Pages 1–11 in Vymazal J, ed.Nutrient Cycling and Retention in Natural and Constructed Wetlands. Leiden (The Netherlands): |
| Turner, R | Wetland sedimentation from Hurricanes Katrina and Rita. | Turner, R. et al. Wetland sedimentation from Hurricanes Katrina and Rita. Science 313, 1713_1715 (2006). |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Turner, R. E | Mississippi River diversions, coastal wetland restoration/creation and an economy of scale | Turner, R. E., and M. E. Boyer. 1997. Mississippi River diversions, coastal wetland restoration/creation and an economy of scale. Ecological Engineering 8, no. 2: 117-28. |
| Turner, R. E | Effects of the 1997 Bonnet Carre Opening on Nutrients and Phytoplankton in Lake Pontchartrain | Turner, R. E., and Q. Dortch. 1999. Effects of the 1997 Bonnet Carre Opening on Nutrients and Phytoplankton in Lake Pontchartrain, Lake Pontchartrain Basin Foundation, Louisiana. |
| Turner, R. E | Relationships between wetlands fragmentation and recent hydrologic changes in a deltaic coast | Turner, R. E. Rao, Yeleswarapu S. 1990. Relationships between wetlands fragmentation and recent hydrologic changes in a deltaic coast. Estuaries. Vol 13, No 3, p. 272-281. |
| Turner, R. E. | Wetland Loss in the Northern Gulf of Mexico: Multiple Working Hypotheses | Turner, R. E. (1997). Wetland Loss in the Northern Gulf of Mexico: Multiple Working Hypotheses. Estuaries. 20:1 pp1-13. |
| Turner, R. E. | Managing wetlands in coastal Louisiana for plants, waterfowl, fish and other animals | Turner, R. E. 1990.Managing wetlands in coastal Louisiana for plants, waterfowl, fish and other animals.Bull. Ecology t. 21 (3): 21-24 |
| Turner, R.E | Coastal eutrophication near the Mississippi River Delta | Turner, R.E., and N.N. Rabalais. 1994. Coastal eutrophication near the Mississippi River Delta. Nature 368:619-621. |
| Turner, R.E | Will lowering estuarine salinity increase Gulf of Mexico oyster landings? | Turner, R.E. 2006. Will lowering estuarine salinity increase Gulf of Mexico oyster landings? Estuaries and Coasts 29:345-352. |
| Turner, R.E | Changes in Mississippi River water quality this century—Implications for coastal food webs | Turner, R.E. and N.N. Rabalais. 1991. Changes in Mississippi River water quality this century: Implications for coastal food webs. Bioscience 41:140-147. |
| Tuttle, J. R | Flow Regime and Sediment Load Affected by Alterations of the Mississippi River | Tuttle, J. R., and A. J. Combe. 1981. Flow Regime and Sediment Load Affected by Alterations of the Mississippi River. Proc. of the National Symposium on Freshwater Inflow to Estuaries, 334-48. |
| Twilley, R. R. | The role of biogeochemical processes in marsh restoration : implications to freshwater diversions | Twilley, R. R., Norman, A. (2005) The role of biogeochemical processes in marsh restoration : implications to freshwater diversions. Dept. of Biology, Center for Ecology and Environmental Technology, Univ. of Louisiana at Lafayette. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Twilley, R.R | Conceptual Ecological Models for Planning and Evaluating the Louisiana Costal Area Ecosystem Restoration Plan | Twilley, R.R. 2003. Conceptual Ecological Models for Planning and Evaluating the Louisiana Costal Area Ecosystem Restoration Plan. Presented at Botany 2003, July 26-31, 2003, Mobile, AL. Botanical Society of America, St. Louis, MO. |
| Twilley, R.R | A comparative study of decomposition, oxygen consumption and nutrient release for selected aquatic plants occurring in an estuarine environment. | Twilley, R.R., G. Etoung, P.Romare, and W.M. Kemp. 1986. A comparative study of decomposition, oxygen consumption and nutrient release for selected aquatic plants occurring in an estuarine environment. Oikos 42: 190198. |
| U.S. Army Corps of Engineers. | Atchafalaya Basin Floodway System, Louisiana. Feasibility Study. Volume 3, Technical Appendices E, F, G. Hand, I: EIS-78. | U.S. Army Corps of Engineers. 1982. Atchafalaya Basin Floodway System, Louisiana. Feasibility Study. Volume 3, Technical Appendices E, F, G. Hand, I: EIS-78. |
| USACE | History of the Improvement of the Lower Mississippi River for Flood Control and Navigation | Ferguson HB. 1940. History of the Improvement of the Lower Mississippi River for Flood Control and Navigation, 1932–1939. US Army Corps of Engineers, Mississippi River Commission: Vicksburg, MS. |
| USACE | Fine-grained Alluvial Deposits and their Effects on Mississippi River Activity | Fisk HN. 1947. Fine-grained Alluvial Deposits and their Effects on Mississippi River Activity. US Army Corps of Engineers, Mississippi River Commission: Vicksburg, MS. |
| USACE | Environmental assessment; Mississippi River and Louisiana estuarine areas, freshwater diversion to Lake Pontchartrain Basin and Mississippi Sound; Diversion effects on Lake Pontchartrain and reduction in conveyance channel excavation impacts; Lake Pontchartrain water quality assessment | USACE (1994). Environmental assessment; Mississippi River and Louisiana estuarine areas, freshwater diversion to Lake Pontchartrain Basin and Mississippi Sound; Diversion effects on Lake Pontchartrain and reduction in conveyance channel excavation impacts; Lake Pontchartrain water quality assessment. U. S. Army Corps of Engineers, New Orleans, LA. |
| USACE | Davis Pond Freshwater Diversion Numerical Model Study | USACE (2005). Davis Pond Freshwater Diversion Numerical Model Study. U. S. Army Engineer Research and Development Center, Coastal and Hydraulics Laboratory. New Orleans, LA. |
| USACE | Individual Environmental Report #11 Improved Protection on the Inner Harbor Navigation Canal Orleans and St Bernard Parishes, Louisiana. Draft Report | USACE. (2008). Individual Environmental Report #11 Improved Protection on the Inner Harbor Navigation Canal Orleans and St Bernard Parishes, Louisiana. Draft Report. United States Army Core of Engineers. New Orleans, Louisiana. pp. 159. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| USACE | Biological and Recreational Monitoring of the Impacts of the 1997 Opening of the Bonnet Carre' Spilway, Southeastern Louisiana. Final Report | USACE. (1998). Biological and Recreational Monitoring of the Impacts of the 1997 Opening of the Bonnet Carre' Spilway, Southeastern Louisiana. Final Report. United States Army Core of Engineers. New Orleans, Louisiana. Contract No. DACW29-96-D-0009. |
| USACE | MRC/LMVD Task Group Study of Navigation and Freshwater Diversion Projects Baton Route to the Gulf | USACE, Lower Mississippi Valley Division (LMVD) and Mississippi River Commission (MRC). 1985. MRC/LMVD Task Group Study of Navigation and Freshwater Diversion Projects Baton Route to the Gulf. |
| USACE | Louisiana Coastal Area Ecosystem Restoration Study | USACE. 2004. Louisiana Coastal Area Ecosystem Restoration Study. U.S. Army Corps of Engineers, New Orleans, LA. |
| USACE | West Bay Sediment Diversion, Plaquemines Parish, Louisiana. Final Environmental Impact Statement | USACE. 2001. West Bay Sediment Diversion, Plaquemines Parish, Louisiana. Final Environmental Impact Statement. October, 2001. |
| USACE | Mississippi River Sediment, Nutrient, and Freshwater Redistribution Study | USACE. 2000. Mississippi River Sediment, Nutrient, and Freshwater Redistribution Study, U.S. Army Corps of Engineers, New Orleans, LA |
| USACE | Caernarvon freshwater diversion structure, hydrologic, water and sediment quality monitoring program comprehensive report. | USACE. 1995. Caernarvon freshwater diversion structure, hydrologic, water and sediment quality monitoring program comprehensive report. United States Corps of Engineers, New Orleans, Louisiana. |
| USACE | Davis Pond Freshwater Diversion Structure | US Army Corps of Engineers, New Orleans District. 1995. Davis Pond Freshwater Diversion Structure. |
| USACE | Caernarvon Subcommitte on Marsh Enhancement and Fisheries Monitoring | Thomas, R. G 1999(b). Caernarvon Subcommitte on Marsh Enhancement and Fisheries Monitoring, US Army Corps of Engineers, District Assembly Room, October 21, 1999. |
| USACE | Louisiana Coastal Protection and Restoration Technical Report. Draft Report | USACE (2008) Louisiana Coastal Protection and Restoration Technical Report. Draft Report. United States Army Core of Engineers. New Orleans, Louisiana. pp 171. |
| USACE | Caernarvon Post Construction Report, Caernarvon Freshwater Diversion Structure Monitoring Program | USACE. (1998). Caernarvon Post Construction Report, Caernarvon Freshwater Diversion Structure Monitoring Program, US Army Corps of Engineers, New Orleans District and Louisiana Department of Wildlife and |

| Author 1 | Title | Complete Reference |
|---|---|---|
| USACE | Deep draft access to the ports of New Orleans and Baton Rouge. Draft Environmental Impact Statement | USACE. (1974). Deep draft access to the ports of New Orleans and Baton Rouge. Draft Environmental Impact Statement, U.S. Army Corps of Engineers, New Orleans District, New Orleans, Louisiana. |
| USACE | Louisiana Coastal Area, LA: Feasibility Report on Freshwater Diversion to Barataria and Breton Sound Basins | US Army Corps of Engineers. 1982. Louisiana Coastal Area, LA: Feasibility Report on Freshwater Diversion to Barataria and Breton Sound Basins. USACOE NOD. |
| USACE | Mississippi River, Baton Rouge to Gulf of Mexico; investigations and data collection for model study of Southwest Pass, Mississippi River; prototype investigation: | USACE (USACOE), New Orleans District, 1959, Mississippi River, Baton Rouge to Gulf of Mexico; investigations and data collection for model study of Southwest Pass, Mississippi River; prototype investigation: United States Army Engineer District, New Orleans, v. 1, 41 p., 16 tables; v. 2, 23 pl. |
| USACE | Sediment Transport in the Lower Mississippi River | Thorne, C.R., O.P. Harmar, and N. Wallerstein. 2000. Sediment Transport in the Lower Mississippi River. U.S. Army Corps of Engineers, Washington, DC. |
| USACE | Bonnet Carre Freshwater Diversion, Lake Pontchartrain, Lake Borgne, Biloxi Marshes, MRGO, and the IHNC: An Evaluation by the Committee on Tidal Hydraulics | USACE. 1995. Bonnet Carre Freshwater Diversion, Lake Pontchartrain, Lake Borgne, Biloxi Marshes,<br>MRGO, and the IHNC: An Evaluation by the Committee on Tidal Hydraulics. U.S. Army Corps of<br>Engineers, Waterways Experiment Station. Vicksburg, MS. |
| USGS | Davis Pond Freshwater Prediversion Biomonitoring Study: Freshwater Fisheries and Eagles | USGS. (2008). Davis Pond Freshwater Prediversion Biomonitoring Study: Freshwater Fisheries and Eagles. Unites States Geological Survey. Reston, Virginia. pp 102. |
| USGS | Hurricane and Extreme Storm Impact Studies | USGS (United States Geological Survey (2004). Hurricane and Extreme Storm Impact Studies: Lidar Images availahle at http:// coastal.er.usgs.gov/hurricanes. USGS, Coastal and Marine Geology Program. |
| Valiela, I. | Nutrient limitation in salt marsh vegetation. In Ecology of halophytes. | Valiela, I., and Teal, J.M. 1974. Nutrient limitation in salt marsh vegetation. In Ecology of halophytes. Edited by R.J. Reinhold and W.h. McQueen. Accademic Press, New York, NY, USA, pp. 547-563. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Van Beek, J | Abatement of wetland loss through diversions of Mississippi River water using siphons | Van Beek, J. L., D. W. Roberts, and S. Fournet. 1990. Abatement of wetland loss through diversions of Mississippi River water using siphons. Bulletin of the American Association of Petroleum Geologists 74, no. 9: 1512. |
| Van Beek, J. L. | Louisiana's Eroding Coastline: Recommendations for Protection | Van Beek, J. L., and Meyer-Arendt, K. J., 1982. Louisiana's Eroding Coastline: Recommendations for Protection. Coastal Management Section, Louisiana Department of Natural Resources, Baton Rouge, 49 pp. |
| Van de Graaff, J. | Revaluation of sediment transport formulae in Coastal Engineering practice | Van de Graaff, J. and Van Overeem, J. (1979): Revaluation of sediment transport formulae in Coastal Engineering practice. Coastal Engineering, 3:1-32. |
| van Heerden, I | The Atchafalaya delta— Louisiana's new prograding coast | van Heerden, I. and H. Roberts. 1980. The Atchafalaya delta— Louisiana's new prograding coast. Transactions of the Gulf Coast Association of Geological Societies 30:497–506. |
| van Rijn, L C | Applications of sediment pickup function. | van Rijn, L C (1986): Applications of sediment pickup function. J Hydraulic Eng, A S C E, Vol 112, No 9, pp 867-874. |
| van Rijn, L C | Sediment transport Part III: Bedforms and alluvial roughness. | van Rijn, L C (1984): Sediment transport Part III: Bedforms and alluvial roughness. J Hydraulic Eng, Vol 110, No12, pp 1733-1754. |
| van Rijn, L C | Sediment pickup functions | van Rijn, L C (1984): Sediment pickup functions, J Hyraulic Eng, Vol 110, No 10, pp1494-1502. |
| Van Rijn, L.C. | Sediment transport, Part II: Suspended load transport. | Van Rijn, L.C. (1984): Sediment transport, Part II: Suspended load transport. J. Hydr. Eng. ASCE, 110(11):1613-1641. |
| Van Rijn, L.C. | Aspects of sediment transport by combined waves and currents. | Van Rijn, L.C. (1991): Aspects of sediment transport by combined waves and currents. In: Sand transport in rivers, estuaries and the sea. Eds.: Soulsby, R.L. and Bettes, R., Balkema, Rotterdam. |
| van Run, L.C | Sediment Transport Modeling in Marine Coastal Environments | van Run, L.C., Davies, A.G., Ribberink, J.S., van Dk Graaff, J., 200L Sediment Transport Modeling in Marine Coastal Environments. Emmeloord, The Netherlands; Aqua Puhhcations. 730 p. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Viliarrubia, C. R | Ecosystem response to a freshwater diversion: the Caernarvon experience | Viliarrubia, C. R. 1998. Ecosystem response to a freshwater diversion: the Caernarvon experience. Abstract. Symposium on Recent research in Coastal Louisiana: Natural System Function and Response to Human Influences. February 3-5, Iafayette, Louisiana. |
| Villarubia, C. | Caernarvon Subcommitte on Marsh Enhancement and Fisheries Monitoring | Villarubia, C. (1999). Caernarvon Subcommitte on Marsh Enhancement and Fisheries Monitoring, US Army Corps of Engineers, District Assembly Room, October 21, 1999. |
| Vincent, C E | Field Measurements of the suspended sand concentration profiles and fluxes and of the resuspension coefficient coefficient Yo over a rippled bed. | Vincent, C E & M O Green (1990): Field Measurements of the suspended sand concentration profiles and fluxes and of the resuspension coefficient coefficient Yo over a rippled bed. J Geophys res, Vol 95, No C7, pp 11591-11601. |
| Viosca, P., Jr | Flood Control in the Mississippi Valley in it's Relation to Louisiana Fisheries | Viosca, P., Jr. (1928) Flood Control in the Mississippi Valley in it's Relation to Louisiana Fisheries , 1927, Convention of the American Fisheries Society, Tehnical Paper No. 4, Department of Conservation, New Orleans Court Building. |
| Visser, J. M | Marsh Vegetation Types of the Mississippi River Deltaic Plain | Visser, J. M., Sasser, C. E. (1996). Marsh Vegetation Types of the Mississippi River Deltaic Plain. Estuaries. Vol. 21. No 48. pp 818-828. |
| Vlosca, P. Jr. | Effect of Bonnet Carre Spilway on fisheries | Vlosca, P. Jr. (1928). Effect of Bonnet Carre Spilway on fisheries. La. Cons. Rev., Winter issue, pp. 51-53. |
| Vlosca, P. Jr. | Flood control in the Mississippi Valley in its relation to Louisiana fisheries | Vlosca, P. Jr. (1928). Flood control in the Mississippi Valley in its relation to Louisiana fisheries. La. Dept. Conserv. Tech. Paper, 4:1-16. |
| Volety AK | Effects of season and water quality on oysters (Crassostrea virginica) and associated fish assemblages. | Volety AK, Tolley SG, Winstead JT (2001) Effects of season and water quality on oysters (Crassostrea virginica) and associated fish assemblages. 16th Biennial Conference of the Estuarine Research Federation, Book of Abstracts. University of South Florida, Tampa, FL, p 145 |
| Walker, N. D | Tropical Storm and Hurricane Wind Effects on Water Level, Salinity, and Sediment Transport in the River-influenced Atchafalaya-Vermilion Bay System, Louisiana, USA | Walker, N. D. (2001) Tropical Storm and Hurricane Wind Effects on Water Level, Salinity, and Sediment Transport in the River-influenced Atchafalaya-Vermilion Bay System, Louisiana, USA. Estuaries. 24:4. p 498-508. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Walker, N.D | A Role for Remote Sensing in Managing Mississippi River Diversions | Walker, N.D., Huh, O.K., Babin, A., Haag, A., Cable, J., Snedden, G., Braud, D., Wilensky, D., Prasad, K. (2003). A Role for Remote Sensing in Managing Mississippi River Diversions. Backscatter, Association for Marine Remote Sensing Vol. 1. p 25-28 AMRS Association Alliance for Marine Remote Sensing. |
| Walker, N.D | Impacts of winter storms on circulation and sediment transport: Atchafalaya-Vermilion Bay region, Louisiana, USA. | Walker, N.D., Hammack, A.B., 2000. Impacts of winter storms on circulation and sediment transport: Atchafalaya-Vermilion Bay region, Louisiana, USA. Journal of Coastal Research 16, 996–1010. |
| Walker, N.D | Satellite-based assessment of the Mississippi River discharge plume's spatial structure and temporal variability | Walker, N.D. 1994. Satellite-based assessment of the Mississippi River discharge plume's spatial structure and temporal variability. OCS Study MMS 94-0053. U.S. Dept. of the Interior, Mineral Management Service, Gulf of Mexico OCS Region, New |
| Walker, Nan | Effects of River Discharge, Wind Stress, and Slope Eddies on Circulation and the Satellite-Observed Structure of the Mississippi River Plume | |
| Walters WH | Long-term changes of Lower Mississippi River meander geometry. | Walters WH, Simons DB. 1983. Long-term changes of Lower Mississippi River meander geometry. River Meandering. American Society of Civil Engineers: New York. |
| Wang, N. | Reducing nitrogen loading to the Gulf of Mexico from the Mississippi River basin: Strategies to counter a persistent ecological problem | N. Wang. 2001. Reducing nitrogen loading to the Gulf of Mexico from the Mississippi River basin: Strategies to counter a persistent ecological problem. BioScience. 51: 373-388. |
| Watkins, L. | The effects of hydrology, nutrients, and salinity on ten common wetland plants in Louisiana: a mesocosm study. | Watkins, L. 2005. The effects of hydrology, nutrients, and salinity on ten common wetland plants in Louisiana: a mesocosm study. Masters Thesis, Southeastern Louisiana University. |
| Weber, J. C | Freshwater Introduction into Louisiana Coastal Areas | Weber, J. C., and Buisson RAJr. 1981. Freshwater Introduction into Louisiana Coastal Areas. Proceedings of the National Symposium on Freshwater Inflow to Estuaries U.S. Fish and Wildlife Service, Office of Biological Services. |
| Welder, F. A | Processes of deltaic sedimentation in the lower Mississippi River | Welder, F. A. 1959. Processes of deltaic sedimentation in the lower Mississippi River. Technical Report 12, Coastal Studies Institute, Louisiana State University, Baton Rouge, Louisiana. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Wells F. C. | Hydrology and water quality of the Atchafalaya River basin | Wells FC, Demas CR (1977) Hydrology and water quality of the Atchafalaya River basin. Louisiana Department of Transportation and Development, Office of Public Works Water Resources Technical Report no. 14, Baton Rouge Whitfield M (1969) Eh as an operational parameter in estuarine studies. Limnol Oceanogr 14:547–558 |
| Wells, F.C | Hydrology and water quality of the lower Mississippi River | Wells, F.C., 1980. Hydrology and water quality of the lower Mississippi River: Louisiana Office of Public Works Technical Report 21. |
| Wells, F.C. | Hydrology and Water Quality of the Lower Mississippi River | Wells, F.C. 1980. Hydrology and Water Quality of the Lower Mississippi River. Louisiana Office of Public Works Technical Report 21. Department of Transportation and Development, Baton |
| Westphal, J.A. | Mississippi River dikes and stage-discharge relations | Westphal, J.A., Munger, P.R., Muir, C.D., 1976. Mississippi River dikes and stage-discharge relations. Rivers '76, American Society of Civil Engineers Symposia on Inland Waterways for Navigation, Flood Control and Water Diversion, pp. 1383–1398. |
| Wheelock, K.W | Pulsed river flooding effects on sediment deposition in Breton Sound Estuary, Louisiana | Wheelock, K.W., 2003. Pulsed river flooding effects on sediment deposition in Breton Sound Estuary, Louisiana. M.S. Thesis. Louisiana State Univ., Baton Rouge, Louisiana, USA. Williams, G.P., 1989. Sediment concentration versus water discharge during single hydrologic events in rivers. Journal of Hydrology 111, 89-106. |
| White, D.A, | Remnant bottomland forests near the terminus of the Mississippi River in southeastern Louisiana. | White, D.A. & S.A. Skojac. 2002. Remnant bottomland forests near the terminus of the Mississippi River in southeastern Louisiana. Castanea. 67:134-145. |
| White, D.A. | Accreting mudflats at the Mississippi River delta: sedimentation rates and vascular plant succession. | White, D.A. 1989. Accreting mudflats at the Mississippi River delta: sedimentation rates and vascular plant succession. pp. 49-57. In: Duffy, W.G. & D. Clark, eds. Marsh management in coastal Louisiana: effects and issues - proceedings of a symposium. U.S. Fish & Wildlife Service & Louisiana Dept. Nat. Resources. U.S.F.W.S. Ser. Biol. Rept. 89(2). 378 p. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| White, D.A. | Vascular plant community development on mudflats in the Mississippi River delta, Louisiana | White, D.A. 1993 Vascular plant community development on mudflats in the Mississippi River delta, Louisiana, U.S.A. Aquatic Botany. 45:171-194. |
| White, M. L. | Ecosystem Modeling of Barataria Basin, Louisiana: Utilizing Desktop Parallel Technology No. | White, M. L., T. Maxwell, R. Costanza, and T. W. Doyle 1991. Ecosystem Modeling of Barataria Basin, Louisiana: Utilizing Desktop Parallel Technology No. American Water Resources Association. |
| Wiberg, P.L. | A Theoretical Model for Salting Grains in Water. | Wiberg, P.L. and Smith, J.D. (1985): A Theoretical Model for Salting Grains in Water. J. of Geophys. Res., 90(C4):7341-7354. |
| Williams A. J. | A preliminary analysis of the correlation of food-web characteristics with hydrology and nutrient gradients in the southern Everglades | Williams AJ, Trexler JC (2006) A preliminary analysis of the correlation of food-web characteristics with hydrology and nutrient gradients in the southern Everglades. Hydrobiologia 569:493–504 |
| Wilson, C. S | The Mississippi River and its Role in Restoration Efforts. | Wilson, C. S. (2008) The Mississippi River and its Role in Restoration Efforts. Power Point Presentation given in May 2008. Hosted by LDNR in Baton Rouge, Louisiana. |
| Wilson, Clinton S | Physical and numerical modeling of river and sediment diversions in the lower Mississippi River delta | Wilson, Clinton S., Nathan Dill, William Barlett, Samantha Danchuk, and Ryan Waldron. 2007. Physical and numerical modeling of river and sediment diversions in the lower Mississippi River delta. 6th International Symposium on Coastal Engineering and Science of Coastal Sediment Processes, May 13-17 2007. Coastal Sediments '07 - Proceedings of 6th International Symposium on Coastal Engineering and Science of Coastal Sediment Processes, New Orleans, LA, United States: American Society of Civil Engineers, Reston, VA 20191-4400, United States. |
| Wilson, K C | Mobile bed friction at high shear stress. | Wilson, K C (1989): Mobile bed friction at high shear stress. J Hydraulic Eng, A S C E, Vol 115, No 6, pp 825-830. |
| Wilson, K C | Bed-load transport at high sheer stress | Wilson, K C (1966): Bed-load transport at high sheer stress. J Hydraulic Eng, A S C E, Vol 92, No HY6, pp 49-59. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Wilson, K.C. | Bed-load transport at high shear stress. | Wilson, K.C. (1966): Bed-load transport at high shear stress. Proc. ASCE, J. Hydr. Div., (HY6): 49-59. |
| Wilson, K.C. | Analysis of bed-load motion at high shear stress. | Wilson, K.C. (1987): Analysis of bed-load motion at high shear stress. J. Hydr. Eng., ASCE, 113(1):97-103. |
| Winer, H. S | Re-engineering the Mississippi River as a sediment delivery system freshwater diversion structure | Winer, H.S.. 2007. Re-engineering the Mississippi River as a sediment delivery system. Coastal Sediments '07 - Proceedings of 6th International Symposium on Coastal Engineering and Science of Coastal Sediment ProcessesNew Orleans, LA, United States: American Society of Civil Engineers, Reston, VA 20191- 4400, United States. |
| Winer, H. S. | Numerical modeling: a management tool in the operation of the Caernarvon freshwater diversion structure. | Winer, H. S. 1995. Numerical modeling: a management tool in the operation of the Caernarvon freshwater diversion structure. Coastal Zone: Proceedings of the Symposium on Coastal and Ocean Management, 15-16Tampa, FL, USA: ASCE, New York, NY, USA. |
| Winkley BR | Man-made cutoffs on the Lower Mississippi River, conception, construction, and river response | Winkley BR. 1977. Man-made cutoffs on the Lower Mississippi River, conception, construction, and river response. US Army Corps of Engineers Vicksburg District: Vicksburg, MS. |
| Wissel, B. | Tracing Mississippi River Influences in Esturine Food Webs of Coastal Louisiana | Wissel, B., Fry, B. (2005). Tracing Mississippi River Influences in Esturine Food Webs of Coastal Louisiana. Oecologia. Vol. 144. pp659-672. |
| Wissel, B. | Tracing River Influences on Phytoplankton Dynamics in Two Louisiana Estuaries | Wissel, B., Gace, A., Fry, B. (2005). Tracing River Influences on Phytoplankton Dynamics in Two Louisiana Estuaries. Ecology, Vol. 86, No. 10. pp. 2751-2762. |
| Wissel, B. | Tracing Mississippi River influences in estuarine food webs of costal Louisiana | Wissel, B., Bryan, Fry. 2005. Tracing Mississippi River influences in estuarine food webs of costal Louisiana. Oecologia. 144:659- |
| Woods, J. H | Stormwater Diversion as a Potential Coastal Wetland Restoration Method | Woods, J. H. 2004. "Stormwater Diversion as a Potential Coastal Wetland Restoration Method." Louisiana State University. The Bonnet Carre Spillway; a prototype for sediment- diversion structures: Association of American Geographers 91st annual meeting; abstracts. 1995. |

| Author 1 | Title | Complete Reference |
|---|---|---|
| Wright, L.D | Dispersal of river sediments in coastal seas: Six contrasting cases | Wright, L.D., and Nittrouer, C.A., 1995, Dispersal of river sediments in coastal seas: Six contrasting cases: Estuaries, v. 18, p. |
| WRP | Wetland Engineering in Coastal Louisiana: Naomi Siphon | WRP. (1997) Wetland Engineering in Coastal Louisiana: Naomi Siphon. Wetland Reserve Program, Technical Note WG-RS-7.2. pp 7. |
| Zedler, J.B. | Temporal Variability of salt Marsh Vegetation: the role of low-salinity gaps and environmental stress. | Zedler, J.B., and Beare, P.A. 1986. Temporal Variability of salt Marsh Vegetation: the role of low-salinity gaps and environmental stress. In Estuarine Variability. Edited by D.A. Wolfe. San Diego: Academic Press. Pp. 295-306. |
| Zenkovich, V.P. | Processes of Coastal Development. | Zenkovich, V.P. (1969): Processes of Coastal Development. Oliver and Boyd Ltd., Edinburgh and London, 738 p. |
| Zhang, X. | A water chemistry assessment of wastewater remediatioin in a natural swamp chemistry assessment of wastewater remediatioin in a natural swamp | Zhang, X., S. Feagley, J. Day, W. Conner, I. Hesse, J. Rybczyk, and W, Hudnall. 2000. A water chemistry assessment of wastewater remediatioin in a natural swamp. 2000. J.of Environmental Quality. 29: 1960-1968. |
| Zimmermann, C. | Transverse bed slopes in curved alluvial streams. | Zimmermann, C. and Kennedy, J.F. (1978): Transverse bed slopes in curved alluvial streams. Proc. ASCE, J. Hydraul. Div., 104(HYI):33-48. |
| Zinn, J. | Coastal Louisiana: Attempting to Restore an Ecosystem. | Zinn, J. (2004). Coastal Louisiana: Attempting to Restore an Ecosystem. CRS Report for Congress. pp 24. |