



## APPENDIX L

### References



## LITERATURE CITED

- Abbey, B. 2009. Coastal Wetland Plants & Chénieres Faux Prof. Buck Abbey, ASLA Landscape Architect Robert Reich School of Landscape Architecture Louisiana State University Louisiana Wetland Plants For Site Engineering and Design.
- Able, K. W. and Fahay, M. P., 1998. The First Year in the Life of Estuarine Fishes in the Middle Atlantic Bight. New Brunswick, New Jersey: Rutgers University Press, 343p.
- Adams, D. A. 1963. Factors influencing the vascular plant zonation in North Carolina salt marshes. *Ecology* 44:445--455.
- Alberti, M., H. Asbjornsen, L. A. Baker, N. Brozovic, L. E. Drinkwater, S. A. Drzyzga, C. A. Jantz, J. Fragoso, D. S. Holland, T. A. Kohler, J. Liu, W. J. McConnell, H. D. G. Maschner, J. D. A. Millington, M. Monticino, G. Podestá, R. G. Pontius Jr., C. L. Redman, N. J. Reo, D. Sailor, and G. Urquhart. 2011. Research on coupled human and natural systems (CHANS): approach, challenges, and strategies. *Bulletin of the Ecological Society of America* 92:218-228: <http://dx.doi.org/10.1890/0012-9623-92.2.218>.
- Albertson, P. E., and D. M. Patrick. 1996. Lower Mississippi River tributaries: Contributions to the collective science concerning the "Father of Waters." *Engineering Geology* 45(1-4):383-413.
- Alexander, J. S., R. C. Wilson, and W. R. Green. 2012. Allen, J. A. and H. E. Kennedy. 1989. Bottomland hardwood reforestation in the Lower Mississippi Valley. Slidell, LA: U.S. Department of the Interior, Fish and Wildlife Service, National Wetlands Research Center. 28 p.
- Allison, M.A. and E.A. Meselhe. 2010. The use of large water and sediment diversions in the lower Mississippi River (Louisiana) for coastal restoration. *Journal of Hydrology* 387:346-360.
- Allison, Mead A.; C. R. Demas, B. A. Ebersole, B. A. Kleiss, C. D. Little, E. A. Meselhe, N. J. Powell, T. C. Pratt, and B. M. Vosburg. 2012. A water and sediment budget for the lower Mississippi-Atchafalaya River in flood years 2008-2010: implications for sediment discharge to the oceans and coastal restoration in Louisiana, *Journal of Hydrology*, 432, 84-97.
- American Institute of Hydrology (AIH). 2006. Bulletins. [Spring: Vol. 24, No. 1; Summer: Vol. 24, No. 2; Fall/Winter: Vol. 24, No. 3-4. http://www.aihydrology.org/publications.htm](http://www.aihydrology.org/publications.htm).
- Andrus, Mitchell. 2007. Sediment Flux and Fate in the Mississippi River Diversion at West Bay: Observation Study. [https://www.researchgate.net/publication/269145623\\_Sediment\\_Flux\\_and\\_Fate\\_in\\_the\\_Mississippi\\_River\\_Diversion\\_at\\_West\\_Bay\\_Observation\\_Study](https://www.researchgate.net/publication/269145623_Sediment_Flux_and_Fate_in_the_Mississippi_River_Diversion_at_West_Bay_Observation_Study).
- Anderson, D. G. Anderson, D. J. 1986. Ecological succession, p. 269-285. In J. Kikkawa and D.J. Anderson (eds.) *Community Ecology: Pattern and Process*. Blackwell Scientific Publications, London, England.
- Aslan, A. and W. J. Austin. 1999. Evolution of the Holocene Mississippi River Floodplain, Ferriday, Louisiana; Insights on the Origin of Fine-Grained Floodplains. *Journal of Sedimentary Research* 69:800-815.
- Audubon. 2014. The Online Guide to North American Birds: <http://birds.audubon.org/birds/piping-plover>
- Bahr, L. M. and W. P. Lanier. 1981. The Ecology of Intertidal Oyster Reefs of the South Atlantic Coast: A Community Profile. U.S. Fish and Wildlife Service, Office of Biological Services. Washington, D.C. FWS/OBS 81/15. 105 pp.
- Bahr, L. M., Jr., R. Costanza, J. W. Day, Jr., S. E. Bayley, C. Neill, S. G. Leibowitz, and J. Fruci. 1983. Ecological Characterization of the Mississippi Deltaic Plain Region: A Narrative with Management Recommendations. A final report by the U.S. Fish and Wildlife Service for the U.S. Department of the Interior, Minerals Management Service Gulf of Mexico OCS Office, Metairie, LA. NTIS No. PB84-182864. FWS/OBS-82/69. Contract No. 14-12-0001-29085. 203 pp.
- Baker, J. A., K. J. Killgore, and R.L. Kasul. 1991. Aquatic habitats and fish communities in the Lower Mississippi River. *Reviews in Aquatic Sciences* 3: 313-356.
- Baltz, D. M. Autecology. In: Schreck C. B., Moyle P. B. (eds) *Methods for fish biology*. 1990. American Fisheries Society, Bethesda, MD, p 583-605.



- Baltz, D. M., C. Rakocinski, and J. W. Fleeger. 1993. Microhabitat use by marsh-edge fishes in a Louisiana estuary. *Environmental Biology of Fishes* 36:109–126.
- Baltz, D. M., J. W. Fleeger, C. F. Rakocinski, and J. N. McCall. 1998. Food, density, and microhabitat: factors affecting growth and recruitment potential of juvenile saltmarsh fishes. *Environmental Biology of Fishes* 53:89–103.
- Bamforth, S. S. 1962. Diurnal changes in shallow aquatic habitats. *Limnol. Oceanogr.* 7, 343–353.
- Barbier, E. B., Acreman, M., & Knowler, D. 1997. *Economic valuation of wetlands: a guide for policy makers and planners.* Gland, Switzerland: Ramsar Convention Bureau.
- Barnes, T. K., A. Volety, K. Chartier, F. J. Mazzotti, and L. Pearlstine. 2007. A habitat suitability index model for the eastern oyster (*Crassostrea virginica*), a tool for restoration of the Caloosahatchee estuary, Florida. *Journal of Shellfish Research* 26(4):949-959.
- Barnette, M. C. 2001. A review of the fishing gear utilized within the Southeast Region and their potential impacts on essential fish habitat. National Marine Fisheries Service.
- Baroch, M.J., M. Hafner, T.L. Brown, J.J. Mach, R.M. Poche. 2002. Nutria (*Myocaster coypus*) in Louisiana. Wildlife Damage Management, Interment Center for Other Publications in Wildlife Management. <http://digitalcommons.unl.edu/cgi/viewcontent.cgi?article=1045&context=icwdmother#page=4>.
- Barras, J. A. 2006. Land area change in coastal Louisiana after the 2005 hurricanes—a series of three maps: U.S. Geological Survey Open-File Report 06-1274.
- Barras, J. A. 2007. Land area changes in coastal Louisiana after Hurricanes Katrina and Rita. In: Farris, G. S., Smith, G. J., Crane, M. P., Demas, C. R., Robbins, L. L., and Lavoie, D. L. (eds.), *Science and the Storms: The USGS Response to the Hurricanes of 2005.* U.S. Geological Survey Circular 1306, pp. 98–113: <http://pubs.usgs.gov/circ/1306/>
- Barras, J. A., P. E. Bourgeois, and L. R. Handley. 1994. Land loss in coastal Louisiana 1956–1990. U.S. Department of the Interior, National Biological Service, National Wetlands Research Center, Open File Report 94-01. 4 pp.
- Barrow, W. C. Jr., C. Chen, R. B. Hamilton Barrett, B., 1970. Water Measurements of Coastal Louisiana. Louisiana Wild Life and Fisheries Commission, U. S. Dept. of the Interior and Wild Life Service, Bureau of Commercial Fisheries Project 2-22-R of P. L. 88-309, 196 pp.
- Barras, J., S. Beville, D. Britsch, S. Hartley, S. Hawes, J. Johnston, P. Kemp, Q. Kinler, A. Martucci, J. Porthouse, D. Reed, K. Roy, S. Sapkota, and J. Suhayda. 2003. Historical and projected coastal Louisiana land changes: 1978-2050: U.S. Geological Survey Open-File Report 03-334, 39 p.
- Barry, J. P. 1973. *The Louisiana Purchase: April 30, 1803.* F. Watts, New York.
- Basin, New Orleans, LA, Pontchartrain Institute for Environmental Sciences at the University of New Orleans, Metairie, LA, The Lake Pontchartrain Basin Foundation, PIES\_CRL Technical Report Series\_04013, 2004.
- Bass, A., and R. E. Turner. 1997. Relationships between salt marsh loss and dredged canals in three south Louisiana estuaries. *J. Coastal Res.* 13: 895–903.
- Batker, D., I. de la Torre, R. Costanza, P. Swedeen, J. Day, R. Boumans, K. Bagstad. Gaining Ground—Wetlands, Hurricanes and the Economy: The Value of Restoring the Mississippi River Delta (Earth Economics Tacoma, WA, 2010). Available at [http://www.earthconomics.org/FileLibrary/file/Reports/Louisiana/Earth Economics Report on the Mississippi River Delta compressed.pdf](http://www.earthconomics.org/FileLibrary/file/Reports/Louisiana/Earth_Economics_Report_on_the_Mississippi_River_Delta_compressed.pdf).
- Batker, D., S.K. Mack, F.H. Sklar, W.K. Nuttle, M.E. Kelly, and A.M. Freeman. 2014. The Importance of Mississippi Delta Restoration on the Local and National Economics. In: Day, JW., G.P. Kemp, A.M. Freeman, D.M. Muth (eds) *Perspectives on the restoration of the Mississippi Delta.* Estuaries of the World. Springer, Dordrecht, pp 141-153.
- Battelle. 2005. Phase 1 Assessment of Potential Water Quality and Ecological Risk and Benefits from a Proposed Reintroduction of Mississippi River Water into the Maurepas Swamp. Prepared for the USEPA, Region 6.



- Beck, C. and G. T. Jones. 2007. Early Paleoarchaic Point Morphology and Chronology. In *Paleoindian or Paleoarchaic? New Insights of Late Pleistocene-Early Holocene Archaeology in the Great Basin*, edited by K. Graf and D. Schmidt, pp. 23-41. University of Utah Press, Salt Lake City, Utah.
- Beck, M. W., K. L. Heck, Jr., K. W. Able, D. L. Childers, D. B. Eggleston, B. M. Gallanders, B. Halpern, C. G., Hays, K. Hoshino, T. J. Minello, R. J. Orth, P. F. Sheridan, and M. P. Weinstein. 2001. The identification, conservation and management of estuarine and marine nurseries for fish and invertebrates. *BioScience* 51: 633–641.
- Beck, M. W., R. D. Brumbaugh, L. Airoidi, A. Carranza, L. D. Coen, C. Crawford, O. Defeo, G. J. Edgar, B. Hancock, M. Kay, H. Lenihan, M. W. Luckenbach, C. L. Toropova, and G. Zhang. 2009. Shellfish Reefs at Risk: a Global Analysis of Problems and Solutions. The Nature Conservancy. Arlington, Virginia. 52 pp.
- Beckett, D. C., and C. H. Pennington. 1986. Water quality, macroinvertebrates, larval fishes, and fishes of the Lower Mississippi River—a synthesis. U.S. Army Corps of Engineers Technical Report E-86-12. Waterways Experiment Station, Vicksburg, MS. 136 pp.
- Bell, D. T. 1974. Tree stratum composition and distribution in the streamside forest. *Am. Midl. Nat.*, 92:35-46.
- Bell, D. T. and R. del Moral. 1977. Vegetation gradients in the streamside forest of Hickory Creek, Will County, Illinois. *Bull. Torrey Bot. Club*, 104:127-135.
- Bernier, J. C., R. A. Morton, and J. A. Barras. 2006. Constraining Rates and Trends of Historical Wetland Loss, Mississippi River Delta Plain, South-Central Louisiana. In Y. J. Xu, & V. P. Singh (Eds.), *Coastal Environment and Water Quality* (pp. 371-382). Highlands Ranch, Colorado: Water Resources Publications, LLC.
- Bethel Mathew, Lynn F. Brien, Michelle M. Esposito, Corey T. Miller<sup>s</sup>, Honora S. Buras, Shirley B. Laska, Rosina Philippe, Kristina J. Peterson, and Carol Parsons Richards. 2014. Sci-TEK: A GIS-Based Multidisciplinary Method for Incorporating Traditional Ecological Knowledge into Louisiana's Coastal Restoration Decision-Making Processes. *Journal of Coastal Research*: Volume 30, Issue 5: 1081-1099. 2014
- Beyer, G.E., A. Allison, and H.H. Kopman. 1906. List of Birds of Louisiana. University of California Press on behalf of the American Ornithologist's Union.
- Bezdek, R. H., R. M. Wendling and P. DiPerna. 2008. Environmental protection, the economy, and jobs: National and regional analyses. *Journal of Environmental Management*, 86: 63---79.
- Bianchette, T.A.; Liu, K.-B.; Qiang, Y.; Lam, N.S.-N. Wetland Accretion Rates Along Coastal Louisiana: Spatial and Temporal Variability in Light of Hurricane Isaac's Impacts. *Water* 2016, 8, 1
- Biedenham, D. S., C. D. Little, and C. R. Thorne. 1999. Magnitude-frequency analysis of sediment transport in the Lower Mississippi River. Coastal and Hydraulics Laboratory Miscellaneous Paper CHL-99-2. Vicksburg, MS: U.S. Army Engineer Waterways Experiment Station, 31 p.
- Bindoff, N.L., J. Willebrand, V. Artale, A. Cazenave, J. Gregory, S. Gulev, K. Hanawa, C. Le Quéré, S. Levitus, Y. Nojiri, C.K. Shum, L.D. Talley and A. Unnikrishnan, 2007: Observations: Oceanic Climate Change and Sea Level. In: *Climate Change 2007: The Physical Science Basis. Contribution of Working Group I to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change* [Solomon, S., D. Qin, M. Manning, Z. Chen, M. Marquis, K.B. Averyt, M. Tignor and H.L. Miller (eds.)]. Cambridge University Press, Cambridge, United Kingdom and New York, NY, USA.
- Blitz, John H. and C. Baxter Mann. 2000. *Fisherfolk, Farmers, and Frenchmen: Archaeological Explorations on the Mississippi Gulf Coast*. Archaeological Report No. 30. Mississippi Department of Archives and History, Jackson, Mississippi.
- Blum, M. D., and H. H. Roberts. 2009. Drowning of the Mississippi Delta due to insufficient sediment supply and global sea-level rise. *Nature Geoscience* 2: 488–491. DOI: 10.1038/NGEO553.
- Blum, M. D., and H. H. Roberts. 2012. The Mississippi delta region: past, present, and future. *Annual Review of Earth and Planetary Sciences* 40: 655-683.



- Blum, M.D. and H.H. Roberts. 2012. The Mississippi Delta Region: Past, Present, and Future. Annual Review, Earth Planetary Science 2012.40:655-683.
- Boesch, D. F. and R.E. Turner. 1984. Dependence of fishery species on salt marshes: the role of food and refuge. Estuaries 7:460-468.
- Boesch, D. F., M. N. Josselyn, A. J. Mehta, J. T. Morris, W. K. Nuttle, C. A. Simenstad, and D. J. P. Swift. 1994. Scientific assessment of coastal wetland loss, restoration and management in Louisiana. Journal of Coastal Research. Special Issue No. 20.
- Boudreaux, E. A. III 2009. *A Post-Hurricane Katrina Archaeological Site-Assessment Survey Along the Mississippi Gulf Coast*. Unpublished technical report submitted to the Historic Preservation Division, Mississippi Department of Archives and History, Jackson Mississippi and the Transitional Recovery Office, Federal Emergency Management Agency, Biloxi, Mississippi by Coastal Environments, Inc., Biloxi, Mississippi.
- Boudreaux, E. A., III and C. E. Pearson. 2008. *Cultural Resources Activities Associated with the United States Coast Guard's Hurricane Katrina Debris-Removal Mission on the Mississippi Gulf Coast*. Unpublished technical report submitted to Barry A. Vittor and Associates, Inc., Mobile, Alabama and the U.S. Coast Guard, Sector Mobile, Mobile, Alabama by Coastal Environments, Inc., Biloxi, Mississippi.
- Boyer, M.E., J.O. Harris, R.E. Turner. 1997. Constructed crevasses and land gain in the Mississippi River Delta. *Restoration Ecology* 5: 85-92.
- Boyd, R., and S. Penland. 1988. Geomorphic model for Mississippi delta evolution. American Association of Petroleum Geologists Bulletin 72(9):1110.
- Brammer, A., Z. Rodriguez del Rey, E. Spalding and M. Poirrier. 2007. Effects of the 1997 Bonnet Carré Spillway Opening on Infaunal Macroinvertebrates in Lake Pontchartrain, Louisiana. Journal of Coastal Research. Fall 2007: 1292-1303.
- Braun, E. L. 1950. Deciduous forests of eastern North America. The Free Press, New York. xiv + 596 p.
- Brinson, M. M. 1990. Riverine forests. Pages 87-134 in A. E. Lugo, S. Brown, M. M. Brinson (eds.), Forested Wetlands. Ecosystems of the World, vol. 15. Elsevier, New York, NY.
- Britsch, L. D. and E. B. Kemp. 1990. Land Loss Rates, Report I, Mississippi River Deltaic Plain. U.S. Army Corps of Engineers, Waterways Experiment Station. Vicksburg, MS, USA. COE Tech Report GL-90-2. Vicksburg, Miss. 35 pp.
- Britsch, L. D. and J. B. Dunbar. 1993. Land loss rates: Louisiana Coastal Plain. Journal of Coastal Research 9:324-338.
- Britsch, L. D. and J. B. Dunbar. 2006. Land Loss in Coastal Louisiana 1932 to 2001, Mississippi River Delta, Louisiana, Map 7 of 7, ERDC/GSL TR-05-13. Vicksburg, Mississippi Engineer Research and Development Center, U.S. Army Engineer District, New Orleans. 1p.
- Britsch, L. D., and E. B. Kemp, III. 1991. Land loss rates: Louisiana Coastal Plain. Pages 34–39 in Coastal depositional systems in the Gulf of Mexico, Quaternary framework and environmental issues. Proceedings of the 12th annual research conference of the gulf coast section of the Society of Economic Paleontologists and Mineralogists Foundation. Earth Enterprises, Inc., Austin, Tex.
- Broome, S. W., E. D. Seneca, and W. W. Woodhouse, Jr. 1986. Long-term growth and development of transplants of the salt-marsh grass *Spartina alterniflora*. Estuaries 9:63-74.
- Broussard, L., J. Carter, S. Merino, C. Wells. 2008. Island Applesnails (*Pomacea insularum*) in Louisiana A Rapid Assessment of Status and Risk: [http://www.nwrc.usgs.gov/topics/invasive\\_species/Carter2008LA\\_AppleSnails.pdf](http://www.nwrc.usgs.gov/topics/invasive_species/Carter2008LA_AppleSnails.pdf)
- Broussard, W.P. and R.E. Turner. 2009. *A Century of changing land-use and water-quality relationships in the continental US*. Frontiers in Ecology and the Environment 7:302-307.
- Broussard, W.P. 2008. *A Century of Land Use and Water Quality in Watersheds of the Continental U.S.* MS thesis, Louisiana State University, Baton Rouge, Louisiana. <http://etd.lsu.edu/docs/available/etd-07072008-182001/>.



- Brown, K.M., G. George, and W. Daniel. 2010. Urbanization and a threatened freshwater mussel: evidence from landscape scale studies. *Hydrobiologia* 655:189-196.
- Brown, K.M., G. George, and W. Daniel. 2010. Urbanization and a threatened freshwater mussel: evidence from landscape scale studies. *Hydrobiologia* 655:189-196.
- Burkett, Virginia, and Margaret Davidson, eds. 2012 *Coastal Impacts, Adaptation and Vulnerability: A Technical Input to the 2012 National Climate Assessment*. Cooperative Report to the 2013 National Climate Assessment. [http://www.southernclimate.org/documents/resources/Coastal\\_Technical\\_Input\\_2012](http://www.southernclimate.org/documents/resources/Coastal_Technical_Input_2012)
- Burrell, V. G. 1986. Species Profiles: Life Histories and Environmental Requirements of Coastal Fishes and Invertebrates (south Atlantic): American Oyster. U.S. Fish and Wildlife Service. Biological Report 82(11.57). U.S. Army Corps of Engineers. TR EL-82-4. 17 pp by R. D. Hey, J. C. Bathurst & C. R. Thorne), 659–680. Wiley, Chichester, UK.
- Byrnes, M. R., J. D. Rosati, S. F. Griffiee, and J. L. Berlinghoff. 2012. *Littoral Sediment Budget for the Mississippi Sound Barrier Islands*. Technical Report ERDC/CHL TR-12-xx. Vicksburg, MS: U.S. Army Engineering Research and Development Center, Vicksburg, MS, 180p.
- [BTNEP] Barataria-Terrebonne National Estuary Program. 2014. Estuary Issues: <http://www.btneep.org/btneep/estuaryissues/habitat.aspx>;
- Caddy, J. F. 2008. The importance of “cover” in the life histories of demersal and benthic marine resources: a neglected issue in fisheries assessment and management? *Bull. Mar. Sci.* 83: 7–52.
- Caffey, R. H. and M. Schexnayder. 2002. Caffey, J. M. and J. W. Day, Jr. 1986. Control of the variability of nutrients and suspended sediments in a Gulf Coast estuary by climatic forcing and spring discharge of the Atchafalaya River. *Estuaries* 9:295-300.
- Camillo, C. A. 2013. *Divine Providence: The 2011 Flood in the Mississippi River and Tributaries Project*. Vicksburg, Mississippi : Mississippi River Commission, 2012.
- Carillo, A.R., R.C. Berger, M.A. Sarruff, and B.J. Thibodeaux. 2001. “Salinity Changes in Pontchartrain Basin Estuary, Louisiana, resulting from Mississippi River-Gulf Outlet Partial Closure Plans,” Engineer Research and Development Center Vicksburg, MS, Coastal and Hydraulics Lab. Diane Publishing, ISBN 142891109X, 9781428911093.
- Carver, D. C. 1965. Ecological factors affecting distribution and abundance of the centrarchids of the recent delta of the Mississippi River M. S. thesis. La. State Univ., Baton Rouge. 119 pp.
- Castellanos, D. L., and L. P. Rozas. 2001. Nekton use of submerged aquatic vegetation, marsh, and shallow unvegetated bottom in the Atchafalaya River Delta, a Louisiana tidal freshwater ecosystem. *Estuaries* 24: 184–197.
- Chabreck, R. H. 1970. Marsh zones and vegetative types in the Louisiana coastal marshes: Baton Rouge, Louisiana State University, Ph.D. dissertation.
- Chabreck, R. H. 1971. Ponds and lakes of the Louisiana coastal marshes and their value to fish and wildlife. *Proc. 25<sup>th</sup> Annu. Conf. Southeast. Assoc. Game and Fish Comm.* 25:206-215.
- Chabreck, R. H. 1972. Vegetation, water, and soil characteristics of the Louisiana coastal region. *LSU Agricultural Experiment Station Bulletin* 664:1-72.
- Chabreck, R. H. 1988. *Coastal Marshes: Ecology and Wildlife*. University of Minnesota Press.
- Chabreck, R. H. and Condrey, R.E., 1979. *Common Vascular Plants of the Louisiana Marsh*. Sea Grant Publication No. LSU T-79-003. Baton Rouge, Louisiana: LSU Center for Wetland Resources.
- Chapman, C. R. 1973. The impact of estuaries and marshes of modifying tributary runoff. Pp. 235-58 in Chabreck, R. H. (ed.). *Proc. 2<sup>nd</sup> Coastal Marsh and Estuary Manage. Symp.*, La. State Univ., Baton Rouge.
- Chatry M, R. J. Dugas, K. A. Easley. 1983. Optimum salinity regime for oyster production on Louisiana’s state seed grounds. *Contrib Mar Sci* 26:81–94.



- Chesney, E. J., D. M. Baltz, and R. G. Thomas. 2000. Louisiana estuarine and coastal fisheries and habitats: perspectives from a fish's eye view. *Ecological Applications*, 10(2), 350-366.
- Cho, H. J. 2003. Ecology of submersed aquatic vegetation in Lake Pontchartrain, Louisiana., New Orleans, Louisiana: University of New Orleans, Department of Biological Sciences, 153p.
- Christensen, V. and D. Pauly. Changes in Models of Aquatic Ecosystems Approaching Carrying Capacity. *Ecological Applications*, Vol. 8, No. 1, Supplement: Ecosystem Management for Sustainable Marine Fisheries (Feb., 1998), pp. S104-S109
- Christensen, V. and D. Pauly. 1998. Changes in models of aquatic ecosystems approaching carrying capacity. *Ecological Applications* 8(1): 104-109.
- Coastwide Reference Monitoring System (CRMS) Report Card 5373.  
[http://www.lacoast.gov/chartingwebservices2/report\\_cards/CRMS5373\\_2013\\_ReportCard.pdf](http://www.lacoast.gov/chartingwebservices2/report_cards/CRMS5373_2013_ReportCard.pdf)
- Cody, M. L. 1968. On the methods of resource division in grassland bird communities. *Am. Nat.* 102:107-147.
- Cody, M. L. 1974. Competition and the structure of bird communities. Princeton Univ.Press, Princeton, N.J.
- Coleman, J. M. and H. H. Roberts. 1989. Deltaic coastal wetlands: Geologie en Mijnbouw, v. 68, p. 1-24.
- Coleman, J. M. and S. M. Gagliano. 1964. Cyclic sedimentation in the Mississippi River deltaic plain. *Transactions of the Gulf Coast Association of Geological Societies* 14:67-80.
- Coleman, J. M., H. H. Roberts, and Stone, G. W., 1998, Mississippi River Delta—an overview: *Journal of Coastal Research*, v. 14, p. 698–716.
- Coleman, J.M. 1988. Dynamic changes and processes in the Mississippi River delta. *Geological Society of America Bulletin* 100(7):999-1015.
- Committee on the Mississippi River and the Clean Water Act (COMRACWA). 2008. *Mississippi River Water Quality and the Clean Water Act: Progress, Challenges, and Opportunities*. Washington, D.C.: National Academic Press. 239 p.  
[http://www.nap.edu/catalog.php?record\\_id=12051](http://www.nap.edu/catalog.php?record_id=12051).
- Conner, W. H., and J. W. Day, Jr., eds. 1987. The ecology of Barataria Basin, Louisiana: an estuarine profile. U.S. Fish Wildl. Serv. Biol. Rep. 85 (7.13). 165 pp.
- Conner, W. H., C. E. Sasser, N. Barker. 1986. Floristics of the Barataria Basin wetlands, Louisiana. *Castanea*. 51: 111–128.
- Conner, W. H., J. G. Gosselink, and R. T. Parrando. 1981. Comparison of the vegetation of three Louisiana swamp sites with different flooding regimes. *American Journal of Botany* 68:320–31.
- Conner, W.H., and J.W. Day. 1976. Productivity and Composition of a Baldcypress-Water Tupelo Site and a Bottomland Hardwood Site in a Louisiana Swamp. *American Journal of Botany*, Vol. 63, No. 10, pp. 1354–1364.
- Cooper, A. 1982. The effects of salinity and waterlogging on the growth and cation uptake of salt marsh plants. *New Phytologist* 90:263-275.
- Copeland, B. J., R. G. Hodson, S. R. Riggs, and J. E. Easley. 1983. The ecology of Albemarle Sound, North Carolina: an estuarine profile. U. S. Fish and Wildl. Serv., FWS/OBS-83/01. Washington, D. C. 68 pp.
- Costanza R., J. C. Cumberland, H. E. Daly, et al. 1997. An introduction to ecological economics. Boca Raton, FL: St Lucie Press.
- Costanza R., S. C. Farber, and J. Maxwell. 1989. The valuation and management of wetland ecosystems. *Ecol Econ* 1: 335-61.
- Costanza, R., R. d'Arge, R. de Groot, S. Farber, M. Grasso, B. Hannon, K. Limburg, S. Naeem, R. V. O'Neill, J. Paruelo, R. G. Raskin, P. Suttonk, and M. van den Belt. 1997. The value of the world's ecosystem services and natural capital. *Nature* 387, 253–260.





- Costanza, R., W. J. Mitsch and J. W. Day Jr. 2006. A New Vision for New Orleans and the Mississippi Delta: Applying Ecological Economics and Ecological Engineering. *Frontiers in Ecology and the Environment*, Vol. 4, No. 9 (Nov., 2006), pp. 465-472.
- Costonis, J. 2008. Two years and counting: Land use and Louisiana's post-Katrina recovery. *Louisiana Law Review* Vol 68, No. 2
- Cote, J. M. and M. R. ByrnesCouvillion et al. 2011; U.S. Fish and Wildlife Service New Orleans Landbridge Shoreline Stabilization and Marsh Creation Candidate Project for the Twenty Third Priority Project List of the Coastal Wetlands Planning, Protection and Restoration Act, CWPPRA, September 2013.
- Couvillion, B. R.; J. A. Barras, G. D. Steyer, W. Sleavin, M. Fischer, H. Beck, N. Trahan, B. Griffin, and D. Heckman. 2011. Land area change in coastal Louisiana from 1932 to 2010: U.S. Geological Survey Scientific Investigations Map 3164, scale 1:265,000, 12 p. pamphlet.
- Cowan Jr, J. H., C. B. Grimes, and R. F. Shaw. 2008. Life history, history, hysteresis, and habitat changes in Louisiana's coastal ecosystem. *Bulletin of Marine Science*, 83(1), 197-215.
- [CPRA] Coastal Protection and Restoration Authority. 2014. Barrier Island Status Report: Fiscal Year 2015 Annual Plan (CPRA Barrier Island Status Report: Fiscal Year 2015 Annual Plan: <http://coastal.la.gov/wp-content/uploads/2014/01/BARRIER-ISLAND-STATUS-REPORT-FY15-20140224.pdf>
- Craft, C. B., E. D. Seneca, and S. W. Broome. 1991. Pore- water chemistry of natural and created marsh soils. *Journal of Experimental Marine Biology and Ecology* 152:187- 200.
- Craft, C. B., S. W. Broome, and E. D. Seneca. 1988. Nitrogen, phosphorus, and organic carbon pools in natural and transplanted marsh soils. *Estuaries* 11:272-280.
- Craft, C. B., S. W. Broome, and E. D. Seneca. 1989. Exchange of nitrogen, phosphorus and organic carbon between transplanted marshes and estuarine waters. *Journal of Environmental Quality* 18:206-211.
- Craft, C., J. Reader, J. N. Sacco, and S. W. Broome. 1999. Twenty-five years of ecosystem development of constructed *Spartina alterniflora* (Loisel) marshes. *Ecological Applications* 9(4): 1405-1419.
- Craig, N. J., R. E. Turner, and J. W. Day. 1979a. Land loss in coastal Louisiana: *Environmental Management*, v. 3, p. 133-144.
- Craig, N. J., R. E. Turner, and J. W. Day. 1979b. Wetland losses and their consequences in coastal Louisiana. *Zeitschrift Geomorphologie*. N. F. 34: pp. 225-241.
- Cretini, K.F., Visser, J.M., Krauss, K.W., and Steyer, G.D. (2012). [Development and use of floristic quality index for coastal Louisiana marshes](#). *Environmental Monitoring and Assessment* 184:2389-2403.
- [CWPPRA] Coastal Wetlands Planning, Protection and Restoration Act. 2015a. Breton Sound Basin: [http://lacoast.gov/new/About/Basin\\_data/bs/Default.aspx](http://lacoast.gov/new/About/Basin_data/bs/Default.aspx);
- [CWPPRA] Coastal Wetlands Planning, Protection and Restoration Act. 2015b. Mississippi River Delta Basin: [http://lacoast.gov/new/About/Basin\\_data/mr/](http://lacoast.gov/new/About/Basin_data/mr/);
- [CWPPRA] Coastal Wetlands Planning, Protection and Restoration Act. 2015c. Pontchartrain Basin: [http://lacoast.gov/new/About/Basin\\_data/po/Default.aspx](http://lacoast.gov/new/About/Basin_data/po/Default.aspx);
- Daehnick, A. E., M. J. Sullivan, and C. A. Moncreiff. 1992. Primary Production of the Sand Microflora in Seagrass Beds of Mississippi Sound. *Botanica Marina* 35:131-39.
- Dagg, M. J., and T. E. Whittedge. 1991. Concentration of copepod nauplii associated with the nutrient rich plume of the Mississippi River. *Continental Shelf Research* 11:409-423.
- Dahl, T. E. and S. M. Stedman. 2013. Status and trends of wetlands in the coastal watersheds of the Conterminous United States 2004 to 2009. U.S. Department of the Interior, Fish and Wildlife Service and National Oceanic and Atmospheric Administration, National Marine Fisheries Service. (46 p.)





- Darby, F. A. and R. E. Turner. 2008a. Below - and Aboveground Biomass of *Spartina alterniflora*: Response to Nutrient Addition in a Louisiana Salt Marsh. *Estuaries and Coasts* 31: 326 - 334.
- Darby, F. A. and R. E. Turner. 2008b. Effects of Eutrophication to Salt Marsh Roots, Rhizomes, and Soils. *Marine Ecology Progress Series* 363: 63 - 70.
- Das, A., D. Justic, M. Inoue, A. Hoda, H. Huang, and D. Park. 2012. Impact of Mississippi River diversions on salinity gradients in a deltaic Louisiana estuary: Ecological and management implications. *Estuarine, Coastal and Shelf Science*, 111: 17-26.
- Davis, D. W. 2010. *Washed Away: The Invisible Peoples of Louisiana's Wetlands*. University of Louisiana at Lafayette Press.
- Davis, J. 1881. *The Rise and Fall of the Confederate Government*. D. Appleton and Company, New York.
- Day J. W., A. Yañez Arancibia, W. J. Mitsch,, A. L. Lara-Dominguez, J. N. Day, J. Y. Ko,, R. Lane, J. Lindsey. 2003. Using ecotechnology to address water quality and wetland habitat loss problems in the Mississippi basin: a hierarchical approach. *Biotechnol. Adv.* 22, 135–159.
- Day J. W., J. F. Martin, L. Cardoch, P. H. Templet. 1997. System functioning as a basis for sustainable management of deltaic ecosystems. *Coastal Manage.* 25, 115–153.
- Day J. W., L. D. Britsch, S. R. Hawes, G. P. Shaffer, D. J. Reed, D. Cahoon. 2000. Pattern and process of land loss in the Mississippi delta: a spatial and temporal analysis of wetland habitat change. *Estuaries* 23, 425–438.
- Day, J. W. and P. H. Templet. 1989. Consequences of sea level rise: implications from the Mississippi delta. *Coastal Manage.* 17, 241–257.
- Day, J. W., B. C. Crump, W. M. Kemp, and A. Yanez-Arancibia. 2013. *Estuarine Ecology*. John Wiley and Sons, New York. 550 pp.
- Day, J. W., D. F. Boesch, E. J. Clairain, G. P. Kemp, S. B. Laska, W. J. Mitsch, K. Orth, H. Mashriqui, D. J. Reed, L. Shabman, C. A. Simenstad, B. J. Streever, R. R. Twilley, C. C. Watson, J. T. Wells, and D. F. Whigham. 2007. Restoration of the Mississippi delta: lessons from hurricanes Katrina and Rita. *Science* 315:1679–1684.
- Day, J. W., D. Pont, P. F. Hensel, C. Ibanez. 1995. Impacts of sea level rise on deltas in the Gulf of Mexico and the Mediterranean: the importance of pulsing events to sustainability. *Estuaries* 18, 636–647.
- Day, J. W., J. E. Cable, J. H. Cowan, Jr., R. D. DeLaune, K. de Mutsert, B. Fry, H. Mashriqui, D. Justic, P. Kemp, R. R. Lane, J. Rick, S. Rick, L. P. Rozas, G. Snedden, E. Swenson, R. R. Twilley, and B. Wissel. 2009. The impacts of pulsed reintroduction of river water on a Mississippi delta coastal basin. *J. Coastal Res. SI* 54:225-243.
- Day, J. W., Jr., C.A.S. Hall, W. M. Kemp, and A. Yanez-Arancibia. 1989. *Estuarine Ecology*. John Wiley and Sons, New York. 558 pp.
- Day, J. W., R. Lane, M. Moerschbaecher, R. DeLaune, R. Twilley, I. Mendelsohn, and J. Baustian. 2009. The Impact of the Caernarvon Diversion on Above - and Belowground Marsh Biomass and Decomposition in the Breton Sound Estuary after Hurricane Katrina. Final Report to the Louisiana Coastal Area (LCA) Science & Technology Program Office through State of Louisiana Interagency Agreement 2512 - 07 - 01 , 76 p.
- Day, J.W., Jr., C.A.S. Hall, W.M. Kemp, A. Yanez-Arancibia. 1989. *Estuarine Ecology*. John Wiley and Sons, New York. 558 pp.
- Day, J.W., R.R. Lane, J. Dubravko, E. Reyes, B. Marx, J.N. Day, and E. Hyfield. 2004b. 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. Volume 60, Issue 1, May 2004, Pages 1-10.
- Day, John W., R.R. Lane, G.P. Kemp, H.S. Mashriqui, and J.N. Day. 2003. Mississippi River Diversion into the Maurepas Swamp. Water Quality Analysis – Draft Final Report. [http://lacoast.gov/reports/project/attachment\\_f\\_nutrients.pdf](http://lacoast.gov/reports/project/attachment_f_nutrients.pdf).



- Day, R. L., T. MacDonald, C. Brown, K. N. Laland, and S. M. Reader. 2001. Interactions between shoal size and conformity in guppy social foraging. *Animal Behavior*, 62, 917–925.
- Deegan L. A., D. S. Johnson, R. S. Warren, B. J. Peterson, J. W. Fleeger, S. Fagherazzi, W. M. Wollheim. 2012. Coastal Eutrophication as a Driver of Salt Marsh Loss. *Nature* 490:388–392
- Deegan, L. A. 1993. Nutrient and energy transport between estuaries and coastal marine ecosystems by fish migration. *Can. J. Fish. Aquat. Sci.* 50:74-79.
- Deegan, L. A., H. M. Kennedy, and C. Neill. 1984. Natural factors and human modifications contributing to marsh loss in Louisiana's Mississippi River Delta Plain. *Environmental Management*, 8, 519-528.
- Deegan, L. A., J. W. Day, J. G. Gosselink, A. Yáñez-Arancibia, G. Soberon Chavez, and P. Sánchez-Gil. 1986. Relationships among physical characteristics, vegetation distribution and fisheries yield in Gulf of Mexico estuaries. Pages 83–100 in D. A. Wolfe, ed. *Estuarine variability*. Academic Press, Orlando.
- DeLaune R. D., A. Jugsujinda, G. W. Peterson, W. H. Patrick, Jr. 2003. Impact of Mississippi River Freshwater Reintroduction on Enhancing Marsh Accretionary Processes in a Louisiana Estuary. *Estuarine, Coastal and Shelf Science* 58: 653-662.
- DeLaune R. D., S. R. Pezeshki, A. Jugsujinda. 2005. Impact of Mississippi River Freshwater Reintroduction on *Spartina patens* Marshes: Responses to Nutrient Input and Lowering of Salinity. *Wetlands* 25:155–161.
- DeLaune, R. D., A. Jugsujinda, J. L. West, C. B. Johnson, and M. Kongchum. 2005. A screening of the capacity of Louisiana freshwater wetlands to process nitrate in diverted Mississippi River water, *Ecol. Eng.*, 25(4), 315–321.
- DeLaune, R. D., J. A. Nyman, and W. H. Patrick, Jr. 1994. Peat collapse, ponding and wetland loss in a rapidly submerging coastal marsh. *Journal of Coastal Research*, 10(4).
- DeLaune, R. D., R. J. Buresh and W. H. Patrick, Jr. 1979. Relationship of Soil Properties to Standing Crop Biomass of *Spartina alterniflora* in a Louisiana Marsh. *Estuarine and Coastal Marine Science* 8:477-487.
- DeLaune, R. D., S. R. Pezeshki, J. H. Pardue, and W. H. Patrick, Jr. 1990. Sediment Requirement for Rejuvenating Deteriorating Marshes of the Rapidly Subsiding Mississippi River Deltaic Plan. *Journal of Coastal Research* 6:181-188.
- delta plain development in the Terrebonne Parish Region. Coastal Geology Technical Report, 121. Baton Rouge, Louisiana: Louisiana Geological Survey.
- Demas, C. R., and P. B. Curwick. 1987. Suspended-sediment, bottom-material, and associated-chemical data from the Lower Mississippi River, Louisiana. U.S. Geological Survey Water Resources Basic Records Report 14.
- Demcheck, D.K. and C.M. Swarzenski. 2003. Atrazine in Southern Louisiana Streams, 1998-2000. U.S. Geological Survey Fact Sheet FS-011-03. <http://la.water.usgs.gov/publications/pdfs/FS-011-03.pdf>.
- Demcheck, D.K., R.W. Tollett, S.V. Mize, S.C. Skrobialowski, R.B. Fendick Jr., C.M. Swarzenski, and S. Porter. 2004. Water Quality in the Acadian-Pontchartrain Drainages, Louisiana and Mississippi, 1999-2001. U.S. Geological Survey Circular 1232. <http://pubs.usgs.gov/circ/2004/1232/>.
- Dickson, J. G. and R. E. Noble. 1978. Vertical distribution of birds in a Louisiana bottomland hardwood forest. *Wilson Bulletin* 90:19–30.
- Dokka, R. K., G. F. Sella, and T. H. Dixon. 2006. Tectonic control of subsidence and southward displacement of southeast Louisiana with respect to stable North America. *Geophysical Research Letters* 33: doi: 10.1029/2006GL027250. issn: 0094-8276.
- Douglas, N. H. 1974. *Freshwater Fishes of Louisiana*. Claitor's Publ. Div., Baton Rouge. xiv + 443 p.
- Dugas, R. J. 1988. Administering the Louisiana oyster industry. *J. Shellfish Res.* 7(3):493-499.
- Dunbar, J. B., L. D. Britsch, and E. B. Kemp, III. 1990. Land loss rates. Report 2, Louisiana Chenier Plain. U.S. Army Corps of Engineers Technical Report GL-90-2. 21 pp.



- Dunbar, J. B., L. D. Britsch, and E. B. Kemp, III. 1992. Land loss rates. Report 3, Louisiana Coastal Plain. U.S. Army Corps of Engineers Technical Report GL-90-2. 28 pp. Eckert, K. L.,
- Dundee, H.A., and D.A. Rossman. 1989. The Amphibians and Reptiles of Louisiana. Louisiana State University Press, Baton Rouge.
- Duque, G. 2004. Influence of the marsh edge on the structure and trophic ecology of the fish and macroinvertebrate community in a Louisiana estuarine ecosystem. PhD. Dissertation. Louisiana State University.
- Edwards, K. R., and C. E. Proffitt. 2003. Comparison of Wetland Structural Characteristics between Created and Natural Salt Marshes in Southwest Louisiana, USA. *Wetlands* 23(2): 344-356.
- Effects of flooding on decomposition and nutrient cycling in a Louisiana swamp forest. *Wetlands*. 5: 35-51.
- Effects of River Engineering and Dams on the Mississippi River System and Delta. <http://pubs.usgs.gov/circ/1375/>.
- Effler, R.S., G.P. Shaffer, S.S. Hoepfner, and R.A. Goyer. 2007. Ecology of the Maurepas Swamp: effects of salinity, nutrients, and insect defoliation. In W.H. Conner, T.W. Doyle, and K.W. Krauss (eds.), *Ecology of Tidal Freshwater Forested Wetlands of the Southeastern United States*. Chapter 13: 349-384.
- Eleuterius, L. N. 1981. The Marine Flora of Mississippi Sound: A Review. Symposium on Mississippi Sound June 25-26.
- Ellis, J. and G. W. Stone. 2006. Numerical simulation of net longshore sediment transport and granulometry of surficial sediments along Chandeleur Island, Louisiana, USA. *Marine Geology* 232 (2006) 115-129.
- Ellis, R. J., 1998. *Computer simulated Net longshore sediment transport and inferences from beach sediment granulometry: Chandeleur Island, Louisiana*. M.S. Thesis (unpublished), Louisiana State University, Baton Rouge, Louisiana. 135 pp.
- Environmental Geology and Water Sciences*, 13(3), 183-193.
- Evers D. E., Barrett-O' Leary M. 2002. *A Compilation from Scientific Literature of Species Found in Louisiana*. Louisiana Sea Grant College Program, Louisiana State University, Baton Rouge, Louisiana. (electronic database).
- Ewing, L. and J. Pope. 2006. Viewing the Beach as an Ecosystem? *Shore & Beach*, 74 (1), 2.
- Farber, S. (1987). The value of coastal wetlands for protection of property against hurricane wind damage. *Journal of Environmental Economics and Management*, 14(2), 143-151.
- Field, D. W., A. J. Reyer, R A. Genovese, and B. D. Shearer, 1991. Coastal Wetlands of the United States: an accounting of a valuable national resource. National Oceanic and Atmospheric Administration and U.S. Fish and Wildlife Service, Washington, DC, USA. Special NOAA 20th Anniversary Report.
- Filippo, S. 2010. Mississippi River sediment availability study: Summary of available data. Coastal and Hydraulics Engineering Technical Note ERDC/CHL CHETN-IX-22. Vicksburg, MS: U.S. Army Engineer Research and Development Center: <http://chl.erdc.usace.army.mil/chetn/>.
- Finkl, C. W., K. S. M. Khalil, J. Andrews, S. Keehn, and L. Benedet. 2006. Fluvial sand sources for barrier island restoration in Louisiana: Geotechnical Investigations in the Mississippi River. *Journal of Coastal Research: Volume 22, Issue 4: pp. 773 - 787*.
- Fisheries Implications of Freshwater Reintroductions. Interpretive Topic Series on Coastal Wetland Restoration in Louisiana. Coastal Wetlands Planning Protection Act (eds). National Sea Grant Library No. LSU-G-02-003. 8 pp.
- Fisk, H. N., C. R. Kolb, E. McFarlan, and L. J. Wilbert. 1954. Sedimentary framework of the modern Mississippi delta. *J. Sediment. Res.* 24: 76-99.
- Fisk, H.N. 1944. Geological investigation of the alluvial valley of the Lower Mississippi River. US Army Corps of Engineers, Mississippi River Commission, Vicksburg, Mississippi.
- Fisk, H.N., and E. McFarlan. 1955. Late Quaternary deposits of the Mississippi River. *Crust of the Earth*. Special Paper No. 62. Geological Society of America. Boulder, Colorado. 279-302 pp.



- Fisk, H.N., and E. McFarlan. 1955. Late Quaternary deposits of the Mississippi River. *Crust of the Earth*. Special Paper No. 62. Geological Society of America. Boulder, Colorado. 279-302 pp.
- Fletcher, K. M., & O'Shea, S. E. (2000). Essential fish habitat: Does calling it essential make it so. *Envtl. L.*, 30, 51.
- Flynn, K. M., K. L. McKee, I. A. Mendelssohn. 1995. Recovery of freshwater marsh vegetation after a saltwater
- Fontenot, W. R., S. W. Cardiff, R. A. DeMay, D. L. Dittmann, S. Hartley, C. W. Jeske, N. Lorenz, T. C. Michot, R. D. Purrington, M. Seymour, W. G. Vermillion. 2012. A Catalog of Louisiana's Nesting Seabird Colonies. Barataria-Terrebonne National Estuary Program, Thibodaux, LA. Report Number 34.
- Foote, K. Louisiana Department of Wildlife and Fisheries, personal communication, 2009.
- Ford, M. A. and J. B. Grace. 1998. Effects of Vertebrate Herbivores on Soil Processes, Plant Biomass, Litter Accumulation and Soil Elevation Changes in a Coastal Marsh. *Journal of Ecology* 86: 974–982
- Fox, David M., P.C. Stouffer, D.A. Rutherford, W.E. Kelso, M. La Peyre, R. Bambarger. 2007. Impacts of a Freshwater Diversion on Wildlife and Fishes in the Maurepas Swamp. Prepared for: U.S. Environmental Protection Agency Region 6. Prepared by: Louisiana State University, School of Renewable Natural Resources.
- Francis, J.C., M.A. Poirrier, D.E. Barbe, V. Wijesundera, M.M. Mulino. 1994. Historic trends in the Secchi disk transparency of Lake Pontchartrain. *Gulf Research Reports*. Vol. 9, no. 1, pp. 1–16.
- Frazier, D. E. 1967. Recent deltaic deposits of the Mississippi River: their development and chronology. *Gulf Coast Association of Geological Societies Transactions* 27:287-315.
- Frazier, D. E. 1967. Recent deltaic deposits of the Mississippi River, their development and chronology. *Transactions Gulf Coast Association of Geological Societies* 17:287-315.
- Frierson, G. 2002. "Biological Resources by Region – Bayou LaBranche and New Orleans Lakefront Regions," maps in S. Penland, A. Beall and J. Kindinger, eds., *Environmental Atlas of the Lake Pontchartrain Basin*. New Orleans, LA: Lake Pontchartrain Basin Foundation. U.S. Geological Survey Open File Report 02-206. <http://coastal.er.usgs.gov/pontchartrain/atlas>.
- Fry, B. 2008. Importance of open bays as nurseries for Louisiana brown shrimp. *Estuaries Coasts* 31: 776–789, doi:10.1007/s12237-008-9067-2
- Fulton, D. 2011. Production Facilities Engineering Manager, Shell Offshore Inc., Personal interview, April 4, 2011.
- Gagliano, S. M., 1999. Faulting, Subsidence and Land Loss in Coastal Louisiana: p. 21-72 in Louisiana Coastal Wetlands Conservation and Restoration Task Force and Wetlands Conservation and Restoration Authority, *Coast 2050: Toward A Sustainable Coastal Louisiana, the Appendices, Appendix B-Technical Methods*. Louisiana Department of Natural Resources, Baton Rouge, Louisiana.
- Gagliano, S. M., and J. L. van Beek. 1975. An approach to multiuse management in the Mississippi Delta system.
- Gagliano, S. M., K. J. Meyer-Arndt, and K. M. Wicker, 1981. Land loss in the Mississippi River deltaic plain: *Gulf Coast Association of Geological Societies Transactions*, v. 31, p. 295-300.
- Galloway, G. E., D. F. Boesch and R. R. Twilley. 2009. Restoring and Protecting Coastal Louisiana. *Coastal Restoration and Protection. Issues in Science and Technology* 25(2) pp 29-38.
- Galtsoff, P. S. 1964. The Eastern Oyster: *Crassostrea virginica*. Gmelin. *Fishery Bulletin*. U.S. Fish and Wildlife. Service Publication 64. pp.480.
- Garrison, C.R. 1999. Statistical Summary of Surface-Water Quality in Louisiana—Lake Pontchartrain-Lake Maurepas Basin, 1943-95. Louisiana Department of Transportation and Development Water Resources Technical Report No. 55G. <http://la.water.usgs.gov/publications/pdfs/TR55G.pdf>.



- Garrison, C.R. 1998. *Statistical Summary of Surface-Water Quality in Louisiana--Mississippi River Mainstem, 1905-95*. Louisiana Department of Transportation and Development Water Resources Technical Report No. 55I. Baton Rouge, LA: Louisiana Department of Transportation and Development. Prepared in cooperation with the U.S. Geological Survey.
- Georgiou, I. Y., D. M. FitzGerald, and G. W. Stone. 2005. The Impact of Physical Processes along the Louisiana Coast. *Journal of Coastal Research*. SI(44), 72-8.
- Georgiou, I., H. D. Weathers, M. A. Kulp, M. Miner and D. J. Reed. 2010. *Interpretation of Regional Sediment Transport Pathways using Subsurface Geologic Data*. Draft Final Report submitted to US Army Corps of Engineers, CESU Contract # W912HX-09-2-0027.
- Gibson, J. L. 2010. Poverty Point Redux In *Archaeology of Louisiana* edited by Mark A. Rees. Louisiana State University Press, Baton Rouge, Louisiana.
- Giosan, L. and A. M. Freeman 2014. How Deltas Work: A Brief Look at the Mississippi River Delta in a Global Context. In J. W. Day et al (eds) *Perspectives on the Restoration of the Mississippi Delta. Estuaries of the World pp 29-32 Springer Netherlands*.
- GMFMC. 2005. Generic amendment number 3 for addressing essential fish habitat requirements, habitat areas of particular concern, and adverse effects of fishing in the following fishery management plans of the Gulf of Mexico: shrimp fishery of the Gulf of Mexico, United States waters, red drum fishery of the Gulf of Mexico, reef fish fishery of the Gulf of Mexico, coastal migratory pelagic resources (mackerels) in the Gulf of Mexico and South Atlantic, stone crab fishery of the Gulf of Mexico, spiny lobster fishery of the Gulf of Mexico and South Atlantic, coral and coral reefs of the Gulf of Mexico. Gulf of Mexico Fishery Management Council. Tampa, Florida.  
[http://www.gulfcouncil.org/Beta/GMFMCWeb/downloads/FINAL3\\_EFH\\_Amendment.pdf](http://www.gulfcouncil.org/Beta/GMFMCWeb/downloads/FINAL3_EFH_Amendment.pdf)
- Gosselink, J. G., C. L. Cordes, and J. W. Parsons. 1979. Gosselink, J. G., Coleman, J. M., and Stewart, R. E., Jr. 1998. Coastal Louisiana. In *Status and Trends of the Nation's Biological Resources*, 2 Vols. Edited by M. J. Mac, P. A. Opler, C. E. Puckett Haecker, and P. D. Doran. U. S. Department of the Interior, U. S. Geological Survey, Reston, VA, USA. pp. 385-436.
- Gosselink, J. G., E. P. Odum, and R. M. Pope 1974. "The Value of the Tidal Marsh," Center for Wetland Resources, Louisiana State University.
- Gosselink, J.G. 1984. The Ecology of Delta Marshes of Coastal Louisiana: A Community Profile. U.S. Fish and Wildlife Service Report FWS/OBS-84/09. <http://www.nwrc.usgs.gov/techrpt/84-09.pdf>.
- Gough, L. and J.B. Grace. 1998. Effects of Flooding, Salinity and Herbivory on Coastal Plant Communities, Louisiana, United States. *Oecologia* 117:527-535.
- Govoni, J. J., and C. B. Grimes. 1992. Surface accumulation of larval fishes by hydrodynamic convergence within the Mississippi River plume front. *Continental Shelf Research* 12:1265-1276.
- Grace, J. B., and B. H. Pugsek. 1988. On the use of path analysis and related procedures for the investigation of ecological problems. *American Naturalist* 152:151-159.
- Grayson, D. K. 1993. *The Deserts Past: A Natural Prehistory of the Great Basin*. Smithsonian Institution Press, Washington D.C.
- Green, M. C., M. C. Luent, T. C. Michot, C. W. Jeske, and P. L. Leberg. 2006. Statewide wading bird and seabird nesting colony inventory, 2004-2005. Louisiana Department of Wildlife and Fisheries, Louisiana Natural Heritage Program Report. Baton Rouge, Louisiana.
- Greene, J. A. 1982. *Special History Study The Defense of New Orleans, 1718-1900 Jean Lafitte National Historic Park Louisiana*. United States Department of the Interior, National Park Service, Denver Service Center Branch of Planning, Southeast/Southwest Team, Denver, CO.
- Grimes, C. B., and J. H. Finucane. 1991. Spatial distribution and abundance of larval and juvenile fish, chlorophyll and macrozooplankton around the Mississippi River discharge plume and the role of the plume in fish recruitment. *Marine Ecology Progress Series* 75:109-119.



- Grimes, C. B., and M. J. Kingsford. 1996. How do riverine plumes of different sizes influence fish larvae: do they enhance recruitment? *Marine and Freshwater Research* 47: 191–208.
- Grzegorzewski, A. S., M. Cialone, A. J. Lansen, M. van Ledden, J. Smith, and T. Wamsley. 2009. The influence of barrier islands on hurricane-generated storm surge and waves in Louisiana and Mississippi. *Proceedings from the 31st International Conference of Coastal Engineering*, Hamburg, Germany, World Scientific Press.
- Gulf of Mexico Fishery Management Council (GMFMC). 2004. Final Environmental Impact Statement for the generic essential fish habitat amendment to the following fishery management plans of the Gulf of Mexico: shrimp fishery of the Gulf of Mexico, red drum fishery of the Gulf of Mexico, reef fish fishery of the Gulf of Mexico, stone crab fishery of the Gulf of Mexico, coral and coral reef fishery of the Gulf of Mexico, spiny lobster fishery of the Gulf of Mexico and South Atlantic, coastal migratory pelagic resources of the Gulf of Mexico and South Atlantic. Gulf of Mexico Fishery Management Council. Tampa, Florida. <http://www.gulfcouncil.org/Beta/GMFMCWeb/downloads/Final%20EFH%20EIS.pdf>
- Gunter, G. 1967. Some relationships of estuaries to the fisheries of the Gulf of Mexico. Pp. 621-38 in Lauff, G. H. (ed.). *Estuaries*. Amer. Assoc. for the Advancement of Sci. Publ. No. 83. Washington, D. C.
- Haas, H. L., E. C. Lamon, K. A. Rose, and R. F. Shaw. 2001. Environmental and biological factors associated with the stagespecific abundance of brown shrimp (*Penaeus aztecus*) in Louisiana: applying a new combination of statistical techniques to long-term monitoring data. *Canadian Journal of Fisheries and Aquatic Sciences* 58, 2258e2270.
- Harmar, O. P., N. J. Clifford, C. R. Thorne, and D. S. Biedenharn. 2005. Morphological changes of the Lower  
Harris, L. D., J. G. Gosselink. 1990. Cumulative impacts of bottomland hardwood forest conversion on hydrology, water quality, and terrestrial wildlife. In: Gosselink, J.G.; Lee, L.C.; Muir, T.A., eds. *Ecological processes and cumulative impacts: illustrated by bottomland hardwood ecosystems*. Boca Raton, FL: Lewis Publishers: 259–322.
- Harris, V. T. and F. J. Webert. 1962. Nutria feeding activity and its effect on marsh vegetation in southwestern Louisiana. *Special Sci. Rep.: Wildl.* No. 64. U.S. Fish and Wildl. Serv. Washington, D.C. 51 pp.
- Hastings, R.W. 2001. Comparative distribution and abundance of catfishes in an oligohaline upper estuary. [Proceedings of the Louisiana Academy of Sciences](http://findarticles.com/p/articles/mi_hb3536/is_2001_Annual/ai_n28891492/). [http://findarticles.com/p/articles/mi\\_hb3536/is\\_2001\\_Annual/ai\\_n28891492/](http://findarticles.com/p/articles/mi_hb3536/is_2001_Annual/ai_n28891492/)
- Hastings, R.W., D.A. Turner, and R.G. Thomas. 1987. The fish fauna of Lake Maurepas, an oligohaline part of the Lake Pontchartrain estuary. *Northeast Gulf Science* 9(2): 89–98.
- Hastings, R.W.. 2009. *The Lakes of Pontchartrain: Their History and Environments*. Jackson, MS: University Press of Mississippi. 272 pp.
- Hawes, S. R. and H. M. Perry. 1978. Effects of 1973 floodwaters on plankton populations in Louisiana and Mississippi. *Gulf Research Reports* 6(2):109-124.
- Hays, C. T. and R. A. Weinstein. 2010. Tchefuncte and Early Woodland In *Archaeology of Louisiana* edited by Mark A. Rees. Louisiana State University Press, Baton Rouge, Louisiana.
- Healy, T. R., R. Cole, and W. de Lange. 1996. Geomorphology and ecology of New Zealand shallow estuaries and shorelines. In: Nordstrom, K.F. and Roman, C.T. (eds.), *Estuarine Shores: Evolution, Environments, and Human Alterations*. Boston: Blackwell Scientific Publications, pp. 115-154.
- Heimann D. C., D. M. Morris, and T. R. Gemeinhardt. 2015. Nutrient contributions from alluvial soils associated with the restoration of shallow water habitat in the lower Missouri River, *River Res. Applic.*, 31, pages 323–334, doi: 10.1002/rra.2742.
- Herke, W. H. 1995. Natural fisheries, marsh management, and mariculture: complexity and conflict in Louisiana. *Estuaries* 18(1A):10-17.
- Hester, M. W., E. A. Spalding, and D. D. Franze. 2005. Biological resources of the Louisiana coast: Part 1. An overview of coastal plant communities of the Louisiana Gulf shoreline. *Journal of Coastal Research Special Issue No. 44*:134-145.
- Hitch, A. T., K. M Purcell., S. B. Martin, P. L. Klerks, and P. L. Leberg. 2011. Interactions of Salinity, Marsh Fragmentation and Submerged Aquatic Vegetation on Resident Nekton Assemblages of Coastal Marsh Ponds. *Estuaries and Coasts* 34, 653-662.





- Hoepfner, S.S., G.P. Shaffer, and T.E. Perkins. 2008. Through droughts and hurricanes: Tree mortality, forest structure, and biomass production in a coastal swamp targeted for restoration in the Mississippi River Deltaic Plain. *Forest Ecology and Management* 256:937-948.
- Hoepfner, Susanne S. 2008. *Swamp Ecology in a Dynamic Coastal Landscape: An Investigation Through Field Study and Simulation Modeling*. Dissertation, Louisiana State University.
- Holle, C. G., 1952, Sedimentation at the mouth of the Mississippi River: Proc. 2nd Conf. Coastal Engineering, pp. 111–129.
- Holm, G. O., Jr., E. F. Peterson, D. E. Evers, and C. E. Sasser. 2011. Contrasting the Historical Stability of Wetlands Exposed to Mississippi River Water. Presentation to Workshop on Response of Louisiana Marsh Soils and Vegetation to Diversions. Lafayette, LA. February 23, 2011.
- Hoover, JJ, KJ Kilgore, DG Clarke. 2005. Paddlefish and sturgeon entrainment by dredges. ERDC TN-DOER-E22. USACE Research and Development Center, Vicksburg, MS, USA.
- Horowitz, A. J. 2010, A quarter century of declining suspended sediment fluxes in the Mississippi River and the effect of the 1993 flood: *Hydrological Processes*, v. 24, p.13–34.
- Hosner, J. F. and L. S. Minckler. 1963. Bottomland hardwood forests of southern Illinois-regeneration and succession. *Ecology*, 44:29-41.
- Hudson, P. F, H. Middelkoop, and E. Stouthamer. 2008. Flood management along the Lower Mississippi and Rhine Rivers (The Netherlands) and the continuum of geomorphic adjustment. *Geomorphology* 101: 209–236. DOI:10.1016/j.geomorph.2008.07.001.
- Huh, O. K., H. H. Roberts, L. J. Rouse, and D. A. Rickman 1991. Fine grain sediment transport and deposition in the Atchafalaya and Chenier Plain sedimentary system. *Proceedings of Coastal Sediments '91*. (Seattle, Washington), pp. 817-830.
- Hupp, C. R. 1982. Stream-grade variation and riparian-forest ecology along Passage Creek, Virginia. *Bull. Torrey Bot. Club*, 109:488-499.
- Hupp, C. R. and W. R. Osterkamp. 1985. Bottomland vegetation distribution along Passage Creek, Virginia, in relation to fluvial landforms. *Ecology*, 66:670-681.
- Jacobson R. B., D. W. Belvins, and C. J. Bitner. 2009. Sediment regime constraints on river restoration – an example from the lower Missouri River. In *Management and restoration of fluvial systems with broad historical changes and human impacts* James, LA, Rathburn, SL, Whittecar, GR, (eds). Geological Society of America Special Papers 451: 1–22.
- Jacobson, R. B. and D. L. Galat. 2008. Design of a naturalized flow regime—an example from the Lower Missouri River, U.S.A. (PDF). *Ecohydrology* 1:81-104.
- Jeter, M. D. 1989. Protohistoric and Historic Native Americans, In, *Archeology and Bioarcheology of the Lower Mississippi Valley and Trans-Mississippi South in Arkansas and Louisiana*. Arkansas Archeological Survey Research Series NO. 37 pp. 221-248.
- Jeter, M. D. and G. I. Williams Jr., 1989. Late Prehistoric Cultures, A.D.1000-1500, In, *Archeology and Bioarcheology of the Lower Mississippi Valley and Trans-Mississippi South in Arkansas and Louisiana*. Arkansas Archeological Survey Research Series NO. 37 pp.171-220.
- Jones R. F, D. M. Baltz, R. L. Allen. 2002. Patterns of resource use by fishes and macroinvertebrates in Barataria Bay, Louisiana. *Mar Ecol Prog Ser* 237:271-289.
- Jubinsky, G., and L. C. Anderson. 1996. The invasive potential of Chinese tallow tree (*Sapium sebiferum* Roxb.) in the southeast. *Castanea* 61: 226- 231.
- Julien, P. Y., and C. W. Vensel. 2005. Review of sedimentation issues on the Mississippi River. Draft Report Presented to the UNESCO: International Sediment Initiative (ISI). Fort Collins, CO: Department of Civil and Environmental Engineering, Colorado State University.
- Karr, J. R. 1971. Structure of avian communities in selected Panama and Illinois habitats. *Ecol. Monogr.* 41:207-233.



Kearney, M. S., J. C. A. Riter, and R. E. Turner (2011), Freshwater river diversions for marsh restoration in Louisiana: Twenty-six years of changing vegetative cover and marsh area, *Geophys. Res. Lett.*, 38, L16405, doi:10.1029/2011GL047847.

Keddy, P. A., Campbell, T. McFalls, G. P. Shaffer, R. Moreau, C. Dranguet, and R. Heleniak. 2007. The Wetlands of Lakes Pontchartrain and Maurepas: Past, Present and Future. *Environmental Reviews* 15: 43–77.

Keddy, P.A., D. Campbell, T. McFalls, G.P. Shaffer, R. Moreau, C. Dranguet, and R. Heleniak. 2007. The Wetlands of Lakes Pontchartrain and Maurepas: Past, Present and Future. *Environmental Reviews* 15:43-77.

<http://www.drpaulkeddy.com/pdf/Keddy%20et%20al.%202007%20-%20Env%20Revs%20-%20Lake%20Pontchartrain%20Wetlands%20review.pdf>.

Keddy, P.A., D. Campbell, T. McFalls, G.P. Shaffer, R. Moreau, C. Dranguet, and R. Heleniak. 2007. The wetlands of Lakes Pontchartrain and Maurepas: Past, present and future. *Environmental Reviews*, 15:43–77.

Kemp, G. P. and J. W. Day. 1984. Nutrient dynamics in a Louisiana swamp receiving agricultural runoff. Pages 286-293 in K.C. Ewel and H.T. Odum, eds. *Cypress swamps*. University of Florida Press, Gainesville, FL.

Kemp, G. P., M.S. Hassan, F.W. Jones, R. Cunningham, and M. Johnson. 2001. Draft Final Report. Hydrologic Modeling to Evaluate the Potential to Divert Mississippi River Water into the Swamps South of Lake Maurepas. Louisiana State University, Baton Rouge, LA 70803 and FTN Associates, Ltd., Little Rock, Arkansas.

[http://dnr.louisiana.gov/crm/coastres/projectdata/po29/epa\\_report/attachment\\_c\\_hydro\\_modeling.pdf](http://dnr.louisiana.gov/crm/coastres/projectdata/po29/epa_report/attachment_c_hydro_modeling.pdf).

Kemp, G.P. 1978. Agricultural runoff and nutrient dynamics of a swamp forest in Louisiana. M.S. thesis, Louisiana State University, Baton Rouge, LA. 58 pp.

Kemp, G.P. W. H. Conner, J. W. Day. 1985. Kemp, W. and Boynton, W., 1984. Spatial and temporal coupling nutrient inputs to estuarine primary production: the role of particulate matter transport and decomposition. *Bulletin of Marine Science*, 14, 185-196.

Kennish, M. J. 2001. Coastal salt marsh systems in the U.S.: a review of anthropogenic impacts. *Journal of Coastal Research*, 17: 731-748.

Keown, M. P., E. A. Jr. Dardeau, and E. Kesel, R. H. 1988. The decline in the suspended load of the Lower Mississippi River and its influence on adjacent wetlands. *Environmental and Geological Science* 11:271-81.

Kesel, R. H. 1989. The role of the Mississippi River Kesel, R. H. 2003. Human modifications to the sediment regime of the Lower Mississippi River flood plain. *Geomorphology*, 56(3), 325-334.

Kesel, R. H., E. G. Yodis, and D. J. McGraw. 1992. An approximation of the sediment budget of the Lower Mississippi River prior to major human modification. *Earth Surface Processes and Landforms* 17:711–722.

Kniffen, F. B. and S. B. Hilliard. 1988. *Louisiana and Its Land and People*. Baton Rouge and London: Louisiana State University Press.

Kniffen, F. B., H. F. GregoryKnox, G. A. 2001. *The Ecology of Seashores*, 1st Edition. CRC Press, Boca Raton, Florida.

Koch, M. S. and I. A. Mendelssohn. 1989. Sulfide as a Soil Phytotoxin: Differential Responses in Two Salt Marsh Species. *Journal of Ecology* 77:565-578.

Koch, M. S., Kolb, C. R., and J. R. Van Lopik. 1958. Geology of the Mississippi River Deltaic Plain, Southern Louisiana, Technical Report No. 3-483, U.S. Army Engineer Waterways Experiment Station, Vicksburg MS.

Kolb, C. R., and J. R. Van Lopik. 1966. Depositional Environments of the Mississippi River Deltaic Plain–Southeastern Louisiana: Deltas in Their Geologic Framework, p. 17 - 61.

Kolb, C.R., and J.R. van Lopik. 1958. Geology of the Mississippi Deltaic Plain-Southeastern Louisiana. U.S. Army Corps of Engineers, Waterways Experiment Station, Technical Report 2. 482 pp.

Kolker, A. S., M. D. Miner, and H. D. Weathers. 2012. Depositional dynamics in a river diversion receiving basin: The case of the West Bay Mississippi River Diversion, *Estuarine Coastal and Shelf Science*, 106.



- Koplin, J. R. and R. S. Hoffman. 1968. Habitat overlap and competitive exclusion in voles (*Microtus*). *Am. Midl. Nat.* 80:494-507.
- Kryter, K.D. 1994. *The Handbook of Hearing and the Effects of Noise*. Academic Press, San Diego, CA.
- Kuenzi, A. J., F. R. Moore, and T. R. Simons. 1991. Stopover of Neotropical landbird migrants on East Ship Island following trans-Gulf migration. *Condor*92:869-883.
- Kutkuhn, J. B. 1966. Dynamics of a penaeid shrimp population and management implications. *Fish. Bull, U.S.* 65:313-338.
- [LACPR] Louisiana Coastal Protection and Restoration. 2009. *USACE Louisiana Coastal Protection and Restoration (LACPR): Final Technical Report*.
- La Peyre, M. K., Grace, J. B., Hahn, E., and Mendelsohn, I. A. 2001. The importance of competition in regulating plant species abundance along a salinity gradient. *Ecology* 82 (1): 62-69.
- Lake Pontchartrain Basin Foundation (LPBF). 2005. *Comprehensive Management Plan for Habitats in the Lake Pontchartrain Basin*. Lake Pontchartrain Basin Foundation, New Orleans, LA USA.
- Lambert, A. & Steel, M. (2013). Predicting the loss of phylogenetic diversity under non-stationary diversification models. *J. Theor. Biol.*, 337, 111–124.
- Landry, L. 1990. *Shrimping in Louisiana: Overview of a Tradition*. Louisiana Folklife Festival Booklet. Louisiana Division of the Arts, Baton Rouge, Louisiana.
- Lane, C. M, K. H. Taffs, and J. L. Corfield. 2003. A comparison of diatom community structure on natural and artificial substrata. *Hydrobiologia* 493:65-79.
- Lane, D. W., and Eden, E.W., 1940 - Sand waves in the Lower Mississippi River. *J.west.Soc.Engineers (Chicago)*, Vol.45 pp.281-291.
- 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* 20:237-249.
- Lane, R. R., J. W. Day Jr., and B. Thibodeaux. 1999. Water quality analysis of a freshwater diversion in Caernarvon, Louisiana. *Estuaries* 22:327-336.
- Lane, R. R., J. W. Day, and J. N. Day. 2006. Wetland Surface Elevation, Vertical Accretion, and Subsidence at Three Louisiana Estuaries Receiving Diverted Mississippi River Water. *Wetlands* 26:1130-1142.
- Lane, R. R., J. W. Day, D. Justic, E. Reyes, B. Marz, J. N. Day, and E. Hyfield. 2004. Changes in stoichiometric Si, N and P ratios of Mississippi River water divert through coastal wetlands to the Gulf of Mexico. *Estuarine, Coastal and Shelf Science* 60:1-10.
- 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* 20:237-249.
- Langis, R., M. Zalejko, and J. B. Zedler. 1991. Nitrogen assessments in a constructed and a natural salt marsh of San Diego Bay. *Ecological Applications* 1:40-51.
- Latham, P. J., L. G. Pearlstine, and W. M. Kitchens. 1994. Species association changes across a gradient of freshwater, oligohaline, and mesohaline tidal marshes along the lower Savannah River: *Wetlands*, v. 14 p. 174–183.
- [LCWCRTF and WCRA 1999] Louisiana Coastal Wetlands Conservation and Restoration Task Force and the Wetlands Conservation and Restoration Authority. 1999. *Coast 2050: Toward a Sustainable Coastal Louisiana*. Louisiana Department of Natural Resources. Baton Rouge, La. 161 pp. Louisiana Forestry Commission (LFC). 19
- [LDCRT] Louisiana Department of Culture, Recreation, and Tourism. 2009. 2009-2013 Louisiana  
Lee Wilson and Associates, Inc. 2001. *Diversion into the Maurepas Swamps*. Contract No. 68-06-0067, WA No. 5-02. U.S. Environmental Protection Agency, Dallas, TX.



[LDEQ] Louisiana Department of Environmental Quality (LDEQ). 2014. *Louisiana's Nonpoint Source Pollution Unit*. <http://nonpoint.deq.louisiana.gov/>. Last accessed on December 11, 2014.

[LDWF] Louisiana Department of Wildlife and Fisheries. 2014c. Wildlife Management Areas Website: <http://www.wlf.louisiana.gov/wma>

[LDWF] Louisiana Department of Wildlife and Fisheries. 2014d. Louisiana Department of Wildlife and Fisheries Statistics Website: [http://www.wlf.louisiana.gov/sites/default/files/pdf/publication/32740-ldwf-motorboat-registrations-parish-1988-010/motorboat\\_registrations\\_by\\_parish\\_1988\\_-\\_2011.pdf](http://www.wlf.louisiana.gov/sites/default/files/pdf/publication/32740-ldwf-motorboat-registrations-parish-1988-010/motorboat_registrations_by_parish_1988_-_2011.pdf)

[LDWF] Louisiana Department of Wildlife and Fisheries. 2014e. Louisiana Department of Wildlife and Fisheries. Barataria Basin General Description: <http://www.wlf.louisiana.gov/sites/default/files/pdf/document/33053-barataria-basin/barataria.pdf>

[LDWF] Louisiana Department of Wildlife and Fisheries. 2014f. Natural Communities: [http://www.wlf.louisiana.gov/wildlife/species-parish-list?tid=All&type\\_1=fact\\_sheet\\_community](http://www.wlf.louisiana.gov/wildlife/species-parish-list?tid=All&type_1=fact_sheet_community)

[LDWF] Louisiana Department of Wildlife and Fisheries. 2005. Louisiana Comprehensive Wildlife Conservation Strategy. Final Draft. September 2005.

[LDWF] Louisiana Department of Wildlife and Fisheries. 2014b. Invasive Species/Prohibited Exotics: <http://www.wlf.louisiana.gov/fishing/invasive-species>

[LDWF] Louisiana Department of Wildlife and Fisheries. 2015a. Wildlife Action Plan: <http://www.wlf.louisiana.gov/wildlife/wildlife-action-plan-details>

[LDWF] Louisiana Department of Wildlife and Fisheries. 2015b. The Pontchartrain Basin: <http://www.wlf.louisiana.gov/sites/default/files/pdf/document/32902-pontchartrain-basin/pontchartrain.pdf>

[LDWF] Louisiana Department of Wildlife and Fisheries. 2015c. Aerial Waterfowl Surveys: <http://www.wlf.louisiana.gov/hunting/aerial-waterfowl-surveys>

Lee, A. L. 2010. Troyville and the Baytown Period In *Archaeology of Louisiana* edited by Mark A. Rees. Louisiana State University Press, Baton Rouge, Louisiana.

Lester, G. D., S. G. Sorensen, P.L. Faulkner, C.S. Reid, and I. E. Maxit. 2005. Louisiana Comprehensive Wildlife Conservation Strategy. Louisiana Department of Wildlife and Fisheries. Baton Rouge. 455 pp.

Levin, L. A., D. Talley, and G. Thayer. 1996. Succession of macrobenthos in a created salt marsh. *Marine Ecology Progress Series* 141:67-82.

Linscombe, R. G., and S. B. Hartley. 2011. Analysis of Change in Marsh Types of Coastal Louisiana, 1978–2001: U.S. Geological Survey Open-File Report 2010-1282, 52 p.

List, J., B. E. Jaffe, A. H. Sallenger, S. J. Williams, R. A. McBride, S. Penland, D. Hopkins, and J. O. Wilson. 1994. *Louisiana Barrier Island Erosion Study, Atlas of Sea-Floor Changes from 1878 to 1989*. U.S. Geological Survey Miscellaneous Investigations I-2150-B, 81p.

Little Jr., C.D. and D.S. Biedenharn. 2014. Mississippi River Hydrodynamic and Delta Management Study (MRHDM) - Geomorphic Assessment. ERDC/CHL TR-14-5. Vicksburg, MS: U.S. Army Engineer Research and Development Center.

Liu, J., T. Dietz, S. R. Carpenter, C. Folke, M. Alberti, C. L. Redman, S. H. Schneider, E. Ostrom, A. N. Pell, J. Lubchenco, W. W. Taylor, Z. Ouyang, P. Deadman, T. Kratz, and W. Provencher. 2007b. Coupled human and natural systems. *Ambio* 36(8):639-649: [http://dx.doi.org/10.1579/0044-7447\(2007\)36\[639:CHANS\]2.0.CO;2](http://dx.doi.org/10.1579/0044-7447(2007)36[639:CHANS]2.0.CO;2)

Liu, J., T. Dietz, S. R. Carpenter, M. Alberti, C. Folke, E. Moran, A. N. Pell, P. Deadman, T. Kratz, J. Lubchenco, E. Ostrom, Z. Ouyang, W. Provencher, C. L. Redman, S. H. Schneider, and W. W. Taylor. 2007a. Complexity of coupled human and natural systems. *Science* 317:1513-1516. <http://dx.doi.org/10.1126/science.1144004>



[LNHP] Louisiana Natural Heritage Program, Louisiana Department of Wildlife and Fisheries. 2009. The Natural Communities of Louisiana: [http://www.wlf.louisiana.gov/sites/default/files/pdf/page\\_wildlife/6776-Rare%20Natural%20Communities/LA\\_NAT\\_COM.pdf](http://www.wlf.louisiana.gov/sites/default/files/pdf/page_wildlife/6776-Rare%20Natural%20Communities/LA_NAT_COM.pdf)

[LNHP] Louisiana Natural Heritage Program, Louisiana Department of Wildlife and Fisheries website: <http://www.wlf.louisiana.gov/wildlife/louisiana-natural-heritage-program>

[LNHP] Louisiana Natural Heritage Program. 1986-2004. The natural communities of Louisiana. Louisiana Natural Heritage Program, Louisiana Department of Wildlife and Fisheries, Baton Rouge, LA.

[MDMR] Mississippi Department of Marine Resources. 2010. Offshore reefs: <http://www.dmr.state.ms.us/Fisheries/Reefs/offshore-reefs.htm>

Loden, M. S., 1978. Life history and seasonal abundance patterns of aquatic Oligochaeta in four southeastern Louisiana habitats. Ph.D. Thesis, Louisiana State Univ., Baton Rouge, 132 pp.

Lohrenz, S. E., G. L. Fahnenstiel, 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. *Continental Shelf Research* 19: 1113-1141.

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.

Loosanoff, V. L. 1953. Behavior of Oysters in Waters of Low Salinity. *Proceedings of the National Shellfisheries Association* (1952). Pages 135-151.

Louisiana Administrative Code, Title 33, Part IX, Chapter 11 (LAC 33:IX.1101-1123). *Louisiana's Surface Water Quality Standards*. 2011. <http://www.deq.louisiana.gov/portal/DIVISIONS/LegalAffairs/RulesandRegulations/Title33.aspx#ERC>.

Louisiana Coastal Wetlands Conservation and Restoration Task Force and the Wetlands Conservation and Restoration Authority. 1998. *Coast 2050: Toward a Sustainable Coastal Louisiana*. Louisiana Department of Natural Resources. Baton Rouge. LA. 161 p

Louisiana Department of Environmental Quality (LDEQ). 2013. 2012 Louisiana Water quality Inventory: Integrated Report. <http://www.deq.louisiana.gov/portal/DIVISIONS/WaterPermits/WaterQualityStandardsAssessment/WaterQualityInventorySection305b/2012IntegratedReport.aspx>.

Lowery, G. H. 1974. *The mammals of Louisiana and its adjacent waters*. Louisiana State University Press, Baton Rouge, Louisiana. 565 pp.

Lowery, G. H. 1974. *The mammals of Louisiana and its adjacent waters*. Louisiana State University Press, Baton Rouge, Louisiana. 565 pp.

Lowery, G. H., Jr. and R. J. Newman. 1954. The birds of the Gulf of Mexico. Pp. 519-40 in Galtsoff, P. S. (ed.) *Gulf of Mexico Its Origin, Waters, and Marine Life*. U. S. Fish and Wildl. Serv. Fishery Bull. 89. Washington D. C.

M. Causey. 1986. Historic trends in the sediment flow regime of the Mississippi River. *Water Resources Research* 22: 1555-1564.

Mac, M. J., P. A. Opler, C. E. Puckett Haecker, and P. D. Doran. 1998. Status and trends of the nation's biological resources. 2 vols. U.S. Department of the Interior, U.S. Geological Survey, Reston, Va.: <http://www.nwrc.usgs.gov/sandt/Coastal.pdf>

Macarthur, R. H. and J. W. Macarthur. 19ol. On Bird species diversity. *Ecology* 42:594-598.

Madden, C. J., J. W. Day Jr., and J. R. Randall. 1988. Freshwater and marine coupling in estuaries of the Mississippi River deltaic plain. *Limnol. Oceanogr.* 33: 982-1004.

Maduell, C. R. 1972. *The Census Tables for the French Colony of Louisiana from 1699 through 1732*. Genealogical Publishing Company, Baltimore.

Martin, R. P., R. B. Hamilton, P. M. McKenzie, R. H. Chabreck, and D. H. Dell. 1991. Habitat use by small mammals in coastal marshes of southwestern Louisiana. *Estuaries* 14: 107-110.



- Martinez, L., S. Penland, S. Fearnley, S. O'Brien, M. Bethel, and P. Guarisco. 2009. Louisiana Barrier Island Comprehensive Monitoring Program (BICM), Task 3: Shoreline change analysis: 1800's to 2005: Pontchartrain Institute for Environmental Sciences, Technical Report no. 001-2008, University of New Orleans, New Orleans, Louisiana, pp 27.
- Marx, J., E. Mouton, and G. Linscombe. 2004. Nutria harvest distribution 2003- 2004 and a survey of nutria herbivory damage in coastal Louisiana in 2004. Fur and Refuge Division, Louisiana Department of Wildlife and Fisheries/Coastwide Nutria Control Program. CWPPRA Project (LA-03b), Baton Rouge, LA, USA.
- McAllister D. E, J. F. Craig, N. Davidson, S. Delany, and M. Seddon. 2001. Biodiversity impacts of large dams. Int. Union Conserv. Nat. Natural Resour./UN Environ. Programme Rep.: <http://www1.unep.org/depi/icarm/envdams/ReportI/BiodiversityImpacts.PDF>
- McBride, R. A. and M. R Byrnes. 1997. Regional variations in shore response along barrier island systems of the Mississippi River delta plain: historical change and future prediction. *Journal of Coastal Research* 13(3):628-655.
- McCorquodale, J.A., R.J. Robin, I.Y. Georgiou, and K.A. Haralampides. 2009. Salinity, Nutrient, and Sediment Dynamics in the Pontchartrain Estuary. *Journal of Coastal Research* 54:71-87.
- McCorquodale, J.A., R.J. Roblin, I.Y. Geortiou, and K.A. Haralampides. 2009. Salinity, Nutrient, and Sediment Dynamics in the Pontchartrain Estuary. *Journal of Coastal Research*, SI(54): 71-87.
- McGimsey, C. R. 2010. Marksville and Middle Woodland In *Archaeology of Louisiana* edited by Mark A. Rees. Louisiana State University Press, Baton Rouge, Louisiana.
- McKee, K. L. 2011. Biophysical controls on accretion and elevation change in Caribbean mangrove ecosystems. *Estuarine, Coastal Shelf and Science* 91: 475–483.
- McKee, K. L. and Grace, J. B., 2012. Effects of prescribed burning on marsh-elevation change and the risk of wetland loss: U.S. Geological Survey Open-File Report 2012-1031, 51 p.
- McKee, K. L., and W. H. Patrick, Jr. 1988. The relationship of smooth cordgrass (*Spartina alterniflora*) to tidal datums: a review. *Estuaries* 11:143-151.
- Meade, R. H. 2004. Engineering works and their effects on movement and storage of sediment in Mississippi River and its major tributaries in Hu, C., and Tan, Y. eds., *Proceedings of the Ninth International Symposium on River Sedimentation*: Beijing, China, Tsinghua University Press, p. 154–161.
- Meade, R. H. and J. A. Moody, 2010. Causes for the decline of suspended-sediment discharge in the Mississippi Riversystem, 1940-2007. *Hydrological Processes*, 24(1), 35-49.
- Meade, R. H. and R. S. Parker. 1995. *Sediments in Rivers of the United States*. National Water Supply Summary. U.S. Geological Survey Water-Supply Paper 2275. 467 p.
- Meade, R. H., and J. A. Moody, 2010. Causes for the decline of suspended-sediment discharge in the Mississippi River system, 1940–2007. *Hydrological Processes*, 24(1), 35-49.
- Melillo, Jerry M., Terese (T.C.) Richmond, and Gary W. Yohe, Eds., 2014: *Climate Change Impacts in the United States: The Third National Climate Assessment*. <http://nca2014.globalchange.gov/downloads>
- Melancon, E. J., T. M. Soniat, V. Cheramie, R. J. Dugas, J. Barras and M. LaGarde. 1998. Oyster resource zones of the Barataria and Terrebonne estuaries of Louisiana. *J. Shellfish Res.* 17(4):1143-1148.
- Meyer, J.L. 1998. Conserving ecosystem function. Pp 136-145 IN S.T.A Pickett, R.S. Ostfeld, M. Shachak, and G.E. Likens (eds). *The Ecological Basis of Conservation: Heterogeneity, Ecosystems, and Biodiversity*. 1997. ITP International Thomson Publishing, New York.
- Michel J, Owens EH, Zengel S, Graham A, Nixon Z, Allard T. 2013. Extent and Degree of Shoreline Oiling: Deepwater Horizon Oil Spill, Gulf of Mexico, USA. <http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0065087>





- Minello, T. J. 1993. Chronographic tethering: a technique for measuring prey survival time and testing predation pressure in aquatic habitats. *Marine Ecology Progress Series*, 101, 99-104.
- Minello, T. J. 1999. Nekton densities in shallow estuarine habitats of Texas and Louisiana and the identification of essential fish habitat. In: Beneka RL (ed) *Fish habitat: essential fish habitat and rehabilitation*. *Am Fish Soc Symp* 22: 43-75.
- Minello, T. J. and L. P. Rozas. 2002. Nekton in Gulf coast wetlands: fine-scale distributions, landscape patterns, and restoration implications. *Ecological Applications* 12: 441-455.
- Minello, T. J. and R. J. Zimmerman 1991. The role of estuarine habitats in regulating growth and survival of juvenile penaeid shrimp, p. 1-16 In DeLoach, P., W. J. Dougherty and M. A. Davidson (ed.). *Frontiers in shrimp research*. Elsevier Sci. Publ., Amsterdam.
- Minello, T. J. and Zimmerman, R. J. 1983. Fish predation on juvenile brown shrimp, *Penaeus aztecus* (Ives): the effects on simulated Spartina structure on predation rates. *Journal of Experimental Marine Biology and Ecology*, 72, 211-231.
- Minello, T. J., K. W. Able, M. P. Weinstein, and C. G. Hays. 2003. Salt marshes as nurseries for nekton: Testing hypotheses on density, growth and survival through meta-analysis. *Marine Ecology Progress Series* 246: 39-59.
- Mississippi Department of Wildlife, Fisheries, and Parks. 2014a. *Hunting, Fishing, and Boat Registration Data by County*. Data Purchased from Mississippi Department of Wildlife and Fisheries for Fiscal Year 2014 on September 25, 2014.
- Mississippi River: Geomorphological response to engineering intervention. *River Research Applications* 21(10):1,107-1,131.
- Mitra S, R. Wassman, P. L. G. Vlek. 2005. An appraisal of global wetland area and its organic carbon stock. *Curr. Sci.* 88:25-35.
- Mitsch W. J. and J. G. Gosselink.. 2000. The value of wetlands: importance of scale and landscape setting. *Ecol. Econ.* 35:25-33.
- Mitsch, W. J. 2014. When will ecologists learn engineering and engineers learn ecology?. *Ecological Engineering* 65, 9-14. Online publication date: April 1, 2014.
- Mitsch, W. J. and J. G. Gosselink. 2007. *Wetlands*. 4th Edition. John Wiley & Sons, New York, New York. 582 p.
- . 1993. *Wetlands*, 2nd Edition. Van Nostrand Reinhold, New York, USA. 722 pp.
- . 2000. *Wetlands*, 3rd Edition. John Wiley & Sons, Inc. New York. 920 pp.
- . 2007. *Wetlands*, 4th Edition. John Wiley & Sons, Inc., Hoboken, New Jersey, USA. 582 pp.
- Mitsch, W. J., C. L. Dorge, and J. R. Wiemhoff. 1979. Ecosystem dynamics and a phosphorus budget of an alluvial cypress swamp in southern Illinois. *Ecology* 60:1116-1124.
- Mitsch, W. J., J. G. Gosselink, C. J. Anderson, and L. Zhang. 2009. *Wetland Ecosystems*, John Wiley & Sons, Inc., New York, 295 pp.
- Mitsch, W.J., and J.G. Gosselink. 1986. *Wetlands*. Van Nostrand Reinhold, New York. 539 pp.
- Moerschbaecher, M. K. 2008. *The Impact of the Caernarvon Diversion on Above- and Belowground Marsh Biomass in the Breton Sound Estuary After Hurricane Katrina*. M.S. Thesis, Louisiana State University. 57 pages.
- Moncreiff, C. A., M. J. Sullivan, and A. E. Daehnick. 1992. Primary production dynamics in seagrass beds of Mississippi Sound: the contributions of seagrass, epiphytic algae, sand microflora and phytoplankton. *Marine Ecology Progress Series*. 87:161-71.
- Montgomery, J. L., K. Landreth, J. Exnicios, K. Bowman and J. Bowman. 1988. *Final Report of Cultural Resources Investigations within the U.S. Army Corps of Engineers New Orleans to Venice Hurricane Protection Project*. Submitted to U.S. Army Corps of Engineers, New Orleans District. Agency for Conservation Archaeology, Portales, NM.
- Montz, G. N. 1972. A seasonal study of the vegetation on levees. *Castanea*, 37:140-146.
- Moore, F. R., and M. S. Woodrey. 1993. Stopover habitat and its importance in the conservation of landbird migrants. *Proc. Annu. Conf. Southeast. Assoc. Fish and Wildl. Agencies*47: 447-459



- Moore, F. R., P. Kerlinger, and T. R. Simons. 1990. Stopover on a Gulf coast barrier island by spring trans-Gulf migrants. *Wilson Bulletin* 102:487-500.
- Morgan, David. nd. Post Archaic Period In *Unedited Version of the State Historic Context Document and Comprehensive Historic Preservation Plan for the State of Mississippi for 1997, 1998, 1999*. Unpublished manuscript on file with the Mississippi Department of Archives and History, Jackson, Mississippi.
- Morris J. T. and P. M. Bradley. 1999. Effects of Nutrient Loading on the Preservation of Organic Carbon in Wetland Sediments. *Limnology and Oceanography* 44:699-702.
- Morris, A. W., A. J. Bale, and R. J. M. Howland. 1978. Very low salinity regions of estuaries: important sites for chemical and biological reactions. *Nature* 274:678-680.
- Morris, J. T., G. P. Shaffer, J. A. Nyman. 2013. Brinson Review: Perspectives on the Influence of Nutrients on the Sustainability of Coastal Wetlands. *Wetlands* 33:975-988.
- Morton, R. A., *Historical Changes in the Mississippi-Alabama Barrier Islands and the Roles of Extreme Storms, Sea Level, and Human Activities*, U.S. Geological Survey Coastal and Marine Geology Program Open File Report 2007-1161, 2007.
- Morton, R. A., J. C. Bernier, J. A. Barras, and N. F. Ferina. 2005. Rapid subsidence and historical wetland loss
- Morton, R. A., K. K. Guy, H. W. Hill, and T. Pascoe. 2003. Regional morphological responses to the March 1962 Ash Wednesday storm: Proceedings Coastal Sediments '03, 11p. National Research Council, 1990, Sea level change: National Academy Press, Washington, D.C., 234 p.
- Morton, R. A., N. A. Buster and M. D. Krohn. 2002. Subsurface Controls on Historical Subsidence Rate and Associated Wetland Loss in Southcentral Louisiana: Gulf Coast Association of Geological Societies Transactions, v52, p. 767-778.
- Mossa, J. and H. H. Roberts. 1990. Synergism of riverine and winter storm related sediment transport processes in Louisiana coastal wetlands. *Transactions of the Gulf Coast Association of Geological Societies*, XL, 635-642.
- Mossa, J. and Roberts, H. H. 1990. "Synergism of riverine and winter storm-related sediment transport processes in Louisiana's coastal wetlands," *Gulf Coast Association of Geological Societies Transactions*, 40, pp 635-642.
- Mousavi, M.E., J.L. Irish, A.E. Frey, F. Olivera, and B.L. Edge. Global warming and hurricanes: the potential impact of hurricane intensification and sea level rise on coastal flooding. *Climate Change* 104:575-597.
- Moy, L. D., and L. A. Levin. 1991. Are Spartina marshes a replaceable resource? A functional approach to evaluation of marsh creation efforts. *Estuaries* 14:1-16.
- Moyle, P. B. and Leidy R. A. 1992. Loss of biodiversity in aquatic ecosystems: evidence from fish faunas. In: Fiedler PL, Jain SA, editors. *Conservation Biology: The Theory and Practice of Nature Conservation, Preservation, and Management*. New York: Chapman and Hall. 128-169.
- National Hurricane Center. <http://www.nhc.noaa.gov>.  
National Hurricane Weather Service.
- National Science and Technology Council/Committee on Environmental and Natural Resources. 2000. *Integrated Assessment of Hypoxia in the Northern Gulf of Mexico*. [http://oceanservice.noaa.gov/products/hypox\\_final.pdf](http://oceanservice.noaa.gov/products/hypox_final.pdf).
- NatureServe Explorer. 2014. An Online Encyclopedia of Life:  
[http://explorer.natureserve.org/servlet/NatureServe?sourceTemplate=tabular\\_report.wmt&loadTemplate=species\\_RptComprehensive.wmt&selectedReport=RptComprehensive.wmt&summaryView=tabular\\_report.wmt&elKey=103781&paging=home&save=true&startIndex=1&nextStartIndex=1&reset=false&offPageSelectedElKey=103781&offPageSelectedElType=species&offPageYesNo=true&post\\_processes=&radiobutton=radiobutton&selectedIndexes=103781](http://explorer.natureserve.org/servlet/NatureServe?sourceTemplate=tabular_report.wmt&loadTemplate=species_RptComprehensive.wmt&selectedReport=RptComprehensive.wmt&summaryView=tabular_report.wmt&elKey=103781&paging=home&save=true&startIndex=1&nextStartIndex=1&reset=false&offPageSelectedElKey=103781&offPageSelectedElType=species&offPageYesNo=true&post_processes=&radiobutton=radiobutton&selectedIndexes=103781)
- Neill, C., Deegan, L. A., 1986: The effect of Mississippi River delta lobe development on the habitat composition and diversity of Louisiana coastal wetlands. — *Amer. Midl. Naturalist* 116: 296-303.
- Nelson, S. A. C., P. A. Soranno, and J. Q. 2002. Land-cover change in upper Barataria Basin estuary, Louisiana, 1972-1992: increases in wetland area. *Environmental Management* 29:716-727.



Neubauer, S. C. 2008. Contributions of mineral and organic components to tidal freshwater marsh accretion. *Estuarine, Coastal and Shelf Science* 78: 78–88.

Nittrouer, J.A. and E. Viparelli. 2014. *Sand as a stable and sustainable resource for nourishing the Mississippi River delta*. *Nature Geoscience Letters* 7:350-354.

Nixon, E. S., R. L. Willett and P. W. Cox. 1977. Woody vegetation of a virgin forest in an eastern Texas river bottom. *Castanea*, 42:227-236.

[NMFS] National Marine Fisheries Service (NOAA Fisheries). 2009. Recovery Plan for Smalltooth Sawfish (*Pristis pectinata*). Prepared by the Smalltooth Sawfish Recovery Team for the National Marine Fisheries Service, Silver Spring, Maryland.

[NMFS] National Marine Fisheries Service. 2014a. EFH Text Descriptions & GIS Data Inventory:  
<http://www.habitat.noaa.gov/protection/efh/newInv/index.html>

[NMFS] National Marine Fisheries Service. 2008. Fisheries of the United States – 2007. National Marine Fisheries Service – National Oceanic and Atmospheric Administration. Silver Spring, Maryland.

[NMFS] National Marine Fisheries Service. 2012. Louisiana Coastal Area Mississippi River Hydrodynamic and Delta Management Study Scoping Report. April 25, 2012. National Marine Fisheries Service – National Oceanic and Atmospheric Administration. Southeast Regional Office.

[NMFS] National Marine Fisheries Service. Fisheries Statistics Division. 2014b. Annual Commercial Landing Statistics:  
<http://www.st.nmfs.noaa.gov/st1/commercial/index.html>;

[NMFS] National Marine Fisheries Service. Office of Protected Resources. 2014c. Bottlenose Dolphin (*Tursiops truncatus*):  
<http://www.nmfs.noaa.gov/pr/species/mammals/cetaceans/bottlenosedolphin.htm>

[NOAA] National Oceanic and Atmospheric Administration. 2014. Historical Hurricane Tracks. Coastal Services Center:  
<http://coast.noaa.gov/hurricanes/index.html#>

[NOAA] National Oceanic and Atmospheric Administration. 2015. Critical Habitat:  
<http://www.nmfs.noaa.gov/pr/species/criticalhabitat.htm>

[NPS] National Park Service. 2014a. Gulf Islands National Seashore Website: <http://www.nps.gov/guis/index.htm>; Accessed September 22, 2014.

[NPS] National Park Service. 2014b. Lower Mississippi Delta Region Heritage Study. <http://www.cr.nps.gov/delta/dhsea.htm>  
Last accessed November 25, 2014. [NMFS] National Marine Fisheries Service. Fisheries Statistics Division. 2008 Annual Commercial Landing Statistics: <http://www.st.nmfs.noaa.gov/st1/commercial/index.html>

[NRCS] Natural Resource Conservation Service. 2014. Batture Lands Wetlands Reserve Enhancement Program Project.  
[http://www.nrcs.usda.gov/wps/portal/nrcs/detail/la/programs/?cid=nrcs141p2\\_015683](http://www.nrcs.usda.gov/wps/portal/nrcs/detail/la/programs/?cid=nrcs141p2_015683)

Nyman, D. J., K. J. Halford, and A. Martin Jr. 1990. Geohydrology and simulation of flow in the Chicot aquifer system of southwestern Louisiana: Louisiana Department of Transportation and Development Water Resources Technical Report no. 50, 58p.

Nyman, J. A. 2014. Integrating Successional Ecology and the Delta Lobe Cycle in Wetland Research and Restoration. *Estuaries and Coasts* 37, 1490-1505.

Nyman, J. A. and R. D. DeLaune. 1991. Mineral and Organic Matter Accumulation Rates in Deltaic Coastal Marshes and their Importance to Landscape Stability in Coastal Depositional Systems in the Gulf of Mexico. Society of Economic Paleontologists and Mineralogists Foundation, Twelfth Annual Research Conference, 1991. pp. 166-170.

Nyman, J. A. and R. H. Chabreck. 1995. Fire in coastal marshes: history and recent concerns. Pages 134-141 *in* Susan I. Cerulean and R. Todd Engstrom, eds. Fire in wetlands: a management perspective. Proceedings of the Tall Timbers Fire Ecology Conference, No. 19. Tall Timbers Research Station, Tallahassee, FL.



- Nyman, J. A., D. M. Baltz, M. D. Kaller, P. L. Leberg, C. Parsons Richards, R. P. Romaire, and T. M. Soniat (2013) Likely Changes in Habitat Quality for Fish and Wildlife in Coastal Louisiana during the Next Fifty Years. *Journal of Coastal Research: Special Issue 67 - Louisiana's 2012 Coastal Master Plan Technical Analysis*: pp. 60 – 74.
- 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., 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 Science* 31: 57-69.
- Nyman, J. A., R. D. DeLaune, H. H. Roberts, and W. H. Patrick. 1993. Relationship between vegetation and soil formation in a rapidly submerging coastal marsh. *Marine Ecology Progress Series*, 96, 269-279.
- Nyman, J. A.; Walters, R.J.; DeLaune, R.D., and Patrick, W.H., Jr., 2006. Marsh vertical accretion via vegetative growth. *Estuarine, Coastal and Shelf Science*, 69, 370–380.
- Olea, R.A., Coleman, J.L., Jr., 2014. A synoptic examination of causes of land loss in southern Louisiana as they relate to the exploitation of subsurface geologic resources. *Journal of Coastal Research*, vol. 30, no. 5, p. 1025–1044
- O'Connell, M. T., A. M. U. O'Connell, and R. W. Hastings. 2009. A meta-analytical comparison of fish assemblages from multiple estuarine regions of southeastern Louisiana using a taxonomic-based method. *Journal of Coastal Research*, SI(54), 101–112. West Palm Beach (Florida), ISSN 0749-0208.
- O'Neil, T., 1949. The muskrat in Louisiana coastal marshes: New Orleans, Louisiana Wildlife and Fisheries Commission, 28 p.
- O'Connell, M. T., C. D. Franze, E. A. Spalding, and M. A. Poirrier. 2005. Biological resources of the Louisiana coast: part 2. Coastal animals and habitat associations. *Journal of Coastal Research* 44:146–161.
- O'Connell, M. T., R. C. Cashner, and C. S. Schieble. 2004. Fish assemblage stability over fifty years in the Lake Pontchartrain Estuary; comparisons among habitats using Canonical Correspondence Analysis. *Estuaries* 27 (5): 807-817.
- Odum, E. P. 1969. The strategy of ecosystem development. *Science* 164:262-270.
- Odum, E.P. 1980. The status of three ecosystem-level hypotheses regarding salt marsh estuaries. Tidal subsidy, outwelling and detritus based food chains. Pages 485–495 in V.S. Kennedy (ed.) *Estuarine Perspectives*, Academic Press, New York.
- Odum, W. E., T. J. Smith III, J. K. Hoover, and C. C. McIvor. 1984. The ecology of tidal freshwater marshes of the United States east coast: a community profile. U.S. Fish and Wildlife Service. FWS/OBS-83/17. 177 pp.
- Paola, C., R. R. Twilley, D. A. Edmonds, W. Kim, D. Mohrig, G. Parker, E. Viparelli, and V. R. Voller. 2011. Natural processes in delta restoration: Application to the Mississippi Delta, *Annu. Rev. Mater. Sci.*, 3, 67–91, doi:10.1146/annurev-marine-120709-142856.
- Park, D. 2002. Hydrodynamics and freshwater dispersion within Barataria Basin. Dissertation. Louisiana State University, Baton Rouge, Louisiana, USA.
- Parker, P. L. and T. F. King 1998. *National Register Bulletin: Guidelines for Evaluating and Documenting Traditional Cultural Properties*. U.S. Department of the Interior, National Park Service, National Register, History and Education, National Register of Historic Places, Washington, D.C.
- Parrondo, R. T., J. G. Gosselink, and C. S. Hipkinson. 1978. Effects of salinity and drainage on the growth of three sail marsh grasses. *Botanical Gazette* 139:908-911.
- Patil, A. and Z.Q. Deng. 2008. Watershed Scale Variation in Water Quality in Lake Pontchartrain Basin. From American Society of Civil Engineers World Environmental and Water Resources Congress 2008. <http://ascelibrary.org/doi/pdf/10.1061/40976%28316%29641>.
- Pauly, D. 1986. and J. Ingles. 1988. The relationship between shrimp yields and intertidal vegetation (mangrove) areas: a reassessment. Pages 277–283 in A. Yáñez-Arancibia and D. Pauly, eds. *IOC/FAO workshop on recruitment in tropical coastal demersal communities*. UNESCO Intergovernmental Oceanographic Commission Workshop Report 44 Supplement.



- Pearson, D. L. 1971. Vertical stratification of birds in a tropical dry forest. *Condor* 73:46-55.
- Penfound, W. T. and E. S. Hathaway. 1938. Plant communities in the marshlands of southeastern Louisiana. *Ecological Monographs* 8:1-56.
- Penfound, W. T. and J. A. Howard. 1940. A phytosociological study of an evergreen oak forest in the vicinity of New Orleans, Louisiana. *Am. Midl. Nat.*, 23:165-174.
- Penland, S. and R. Boyd. 1981. Shoreline changes on the Louisiana barrier coast. *Proceedings, Oceans, 81, IEEE*, 209-219.
- Penland, S., A. Beall and J. Kindinger, eds. 2002. *Environmental Atlas of the Lake Pontchartrain Basin*. New Orleans, LA: Lake Pontchartrain Basin Foundation. U.S. Geological Survey Open File Report 02-206.
- Perret, W. S., B. B. Barrett, W. R. Latapie, J. F. Pollard, W. R. Mock, G. B. Adkins, W. J. Gaidry, and C. J. White. 1971. Cooperative Gulf of Mexico estuarine inventory and study, Louisiana. Phase I: Area description and Phase II: Biology. *La. Wildl. Fish. Comm.* 171 pp.
- Phleger, C. F. 1971. Effect of salinity on growth of a salt marsh grass. *Ecology* 52:908-911.
- Piazza, B. P. and M. K. La Peyre. 2009. The effect of Hurricane Katrina on nekton communities in the tidal freshwater marshes of Breton Sound Louisiana, USA. *Estuarine, Coastal and Shelf Science* 83:97-104.
- Pickens, C. N., & Hester, M. W. 2011. Temperature tolerance of early life history stages of black mangrove *Avicennia germinans*: implications for range expansion. *Estuaries and Coasts*, 34(4), 824-830.
- Pierce, M. E., and J. T. Conover. 1954. A study of the growth of oysters under different ecological conditions in Great Pond. *Biol. Bull. (Woods Hole)* 107:318. (Abstr.).
- Plunkett, J. T. 2003. A comparison of finfish assemblages on subtidal oyster shell (clutched oyster lease) and mud bottoms in Barataria Bay, Louisiana. M.S. Thesis. Louisiana State University, Baton Rouge, Louisiana, USA. 84 pp.
- Poach, M. E. and S. P. Faulkner. 1998. Soil Phosphorous Characteristics of Created and Natural Wetlands in the Atchafalaya Delta, LA. *Estuarine, Coastal and Shelf Science* 46:195-203.
- Poff, N. L., J. D. Allan, M. B. Bain, J. R. Karr, K. L. Prestegard, B. D. Richter, R. E. Sparks, J. C. Stromberg. 1997. The natural flow regime; a paradigm for river conservation and restoration. *BioScience* 47: 769-784.
- Poirrier, M.A., E.A. Spalding, and C.D. Franze, 2009. Lessons learned from a decade of assessment and restoration studies of benthic invertebrates and submersed aquatic vegetation in Lake Pontchartrain. *Journal of Coastal Research*, SI(54), 88-100. West Palm Beach (Florida), ISSN 0749-0208.
- Portnoy, J. W. 1978. North Gulf of Mexico coastal waterbird colonies: changes in breeding abundance and distribution from 1976 to 1978. Unpubl. ms., Natl. Coast. Ecosystems Team, U.S. Fish and Wildlife Service, Slidell, Louisiana.
- Providence Engineering and Environmental Group, LLC. 2007. *Caminada and Shell Island Restoration Projects, Water Quality Assessment Report*. Prepared for the Louisiana Department of Natural Resources. Contract No. 2503-05-51. <http://www.lca.gov/projects/4/Default.aspx>. Last accessed on August 14, 2014.
- Saucier, R.T. 1974. Quaternary geology of the Lower Mississippi River Valley. *Ark. Geol. Survey Research Series No. 6*, Ark. Arch. Survey. Univ. of Ark., Fayetteville, AR. 26pp.
- Rabalais, N.N., Q. Dortch, D. Justic, M.B. Kilgen, P.L. Klerks, P.H. Templet, and R. E. Turner. 1995. Status and Trends of Eutrophication, Pathogen Contamination, and Toxic Substances in the Barataria-Terrebonne Estuarine System. Barataria-Terrebonne National Estuary Program Publication #22. <http://www.btneq.org/BTNEP/resources/downloads/publications.aspx>.
- Ramsar. 2002. Fact Sheet on Wetland Values and Functions: Flood Control. Ramsar, Gland, Switz: [http://www.ramsar.org/values/floodcontrol\\_e.htm](http://www.ramsar.org/values/floodcontrol_e.htm).



- Raposa, K. B., and C. A. Oviatt. 2000. The influence of contiguous shoreline type, distance from shore, and vegetation biomass on nekton community structure in eelgrass beds. *Estuaries* 23: 46–55.
- Raymond, P.A., N. Oh, R.E. Turner, and W. Broussard. 2008. *Anthropogenically enhanced fluxes of water and carbon from the Mississippi River*. *Nature* 451:449-452. <http://www.nature.com/nature/journal/v451/n7177/abs/nature06505.html>.
- Rebich, R. A., and D. K. Demcheck. 2007. Trends In Nutrient and Sediment Concentrations and Loads In Major River Basins of the South-Central United States, 1993-2004: USGS Scientific Investigations Report 2007-5090, 112 p.
- Reed, D. J. 2002. Sea level rise and coastal marsh sustainability: geological and ecological factors in the Mississippi Delta Plain. *Geomorphology* 48: 233-243.
- Reed, D. J., and L. Wilson. 2004. Coast 2050: A New Approach to Restoration of Louisiana Coastal Wetlands. *Physical Geography* 25(1): 4-21.
- Rees, Mark A. 2010a. Introduction In *Archaeology of Louisiana* edited by Mark A. Rees. Louisiana State University Press, Baton Rouge, Louisiana.
- Rees, Mark A. 2010b. Paleoindian and Early Archaic In *Archaeology of Louisiana* edited by Mark A. Rees. Louisiana State University Press, Baton Rouge, Louisiana.
- Rees, Mark A. 2010c. Plaquemine and Mississippian In *Archaeology of Louisiana* edited by Mark A. Rees. Louisiana State University Press, Baton Rouge, Louisiana.
- Reid, G. K. and R. D. Wood. 1976. *Ecology of Inland Waterways and Estuaries*. 2nd ed. D. Van Nostrand Co., New York, IVY, USA.
- Rejmanek M., C. E. Sasser, and J. G. Gosselink. 1987. Modeling of vegetation dynamics in the Mississippi River deltaic plain. *Vegetatio*. 69: 133-140.
- Ren, L., N. N. Rabalais, R. E. Turner, W. Morrison, and W. Mendenhall 2009. Nutrient Limitation on Phytoplankton Growth in the Upper Barataria Basin, Louisiana: Microcosm Bioassays. *Estuar. Coast.* 32: 958-974.
- Reyes, E., J. F. Martin, J. W. Day, G. P. Kemp, and H. Mashriqui. 2004. River forcing at work: Watershed modeling of prograding and regressive deltas. *Wetlands Ecol Management*, 12(2), 103–114.
- River plume. *Limnology and Oceanography* 34:178–187.
- Roberts, H. H. 1997. Dynamic changes of the Holocene Mississippi River delta plain: the delta cycle: *Journal of Coastal Research*, v. 13, p. 605-627.
- Roberts, H. H., A. Bailey, and G. J. Kuecher. 1994, Subsidence in the Mississippi River delta – Important influences of valley filling by cyclic deposition, primary consolidation phenomena, and early diagenesis:\ *Gulf Coast Association of Geological Societies Transactions*, v. 44, p. 619-629.
- Roberts, H. H., O. K. Huh, S. A. Hsu, L. J. Rouse, and D. Rickman. 1987. Impact of coldfront passages on geomorphic evolution and sediment dynamics of the complex Louisiana coast. *Coastal Sediments '87, Proceedings of a Specialty Conference (May 12-14, 1987, New Orleans, Louisiana)*. American Society of Civil Engineers, New York, pp. 1950-1963.
- Roe, L. M. and T. M. Schilling. 2010. Coles Creek In *Archaeology of Louisiana* edited by Mark A. Rees. Louisiana State University Press, Baton Rouge, Louisiana.
- Rosen, T. and Y.J. Xu. 2014. *A Hydrograph-Based Sediment Availability Assessment: Implications for Mississippi River Sediment Diversion*. *Water* 2014(6):564-583. <http://www.mdpi.com/2073-4441/6/3/564>. Last accessed on December 10, 2014.
- Rossi, A., N. Massei, B. Laignel, D. Sebag, Y. Copard. 2008. The response of the Mississippi River to climate fluctuations and reservoir construction as indicated by wavelet analysis of water and sediment fluxes, 1950–1975. *Geophysical Research Abstracts*, 10. EGU2008-A-07809.





- Rozas, L. P., and T. J. Minello. 2006. Nekton use of *Vallisneria Americana* Michx. (wild celery) beds and adjacent habitats in coastal Louisiana. *Estuaries and Coasts* 29: 297–310.
- Rozas, L. P., and W. E. Odum. 1987. Fish and macrocrustacean use of submerged plant beds in tidal freshwater marsh creeks. *Marine Ecology Progress Series* 38: 101–106.
- Rozas, L. P., and W. E. Odum. 1988. Occupation of submerged aquatic vegetation by fishes: Testing the roles of food and refuge. *Oecologia* 77: 101–106.
- Russell, R. W. 2005. *Interactions between migrating birds and offshore oil and gas platforms in the northern Gulf of Mexico: Final Report*. U.S. Dept. of the Interior, Minerals Management Service, Gulf of Mexico OCS Region, New Orleans, LA. OCS Study MMS 2005-009. 327 pp.
- Sacco, J. N, E. D. Seneca, and T. Wentworth. 1994. Infaunal community development of artificially established salt marshes in North Carolina. *Estuaries* 17:489-500.
- Sacco, J. N., E. L. Booker, and E. D. Seneca. 1988. Comparison of the macrofaunal communities of a human initiated salt marsh at two and fifteen years of age. Pages 282- 285 in J. Zelazny and S. Feierabend, editors. *Increasing our wetland resources*. National Wildlife Federation, Washington, D.C., USA.
- Sasser, C. E., 1994. *Vegetation Dynamics in Relation to Nutrients in Floating Marshes in Louisiana, USA*. Baton Rouge, Louisiana: Louisiana State University.
- Sasser, C. E., J. G. Gosselink, E. M. Swenson, and D. E. Evers. 1995a. Hydrologic, vegetation, and substrate characteristics of floating marshes in sediment-rich wetlands of the Mississippi River delta plain, Louisiana, USA. *Wetland Ecology*, 3, 171-187.
- Sasser, C. E., J. G. Gosselink, E. M. Swenson, C. M. Swarzenski, and N. C. Leibowitz. 1996. Vegetation, substrate and hydrology in floating marshes in the Mississippi river delta plain wetlands, USA. *Vegetation*, 122, 129-142.
- Sasser, C. E., J. M. Visser, D. E. Evers, and J. G. Gosselink. 1995b. The role of environmental variables on interannual variation in species composition and biomass in a subtropical minerotrophic floating marsh. *Canadian Journal of Botany*, 73, 413-424.
- Sasser, C. E., J. M. Visser, E. Mouton, J. Linscombe, and S. B. Hartley. 2014. Vegetation types in coastal Louisiana in 2013: U.S. Geological Survey Scientific Investigations Map 3290, 1 sheet, scale 1:550,000, <http://dx.doi.org/10.3133/sim3290>.
- Saucer, J.R., J.E. Hines and J.H. Fallon. 2003. The North American Breeding Bird Survey results and analysis 1966–2000, version 2003.1. U.S.G.S. Patuxent Wildlife Research Center.
- Saucier, R. R. 1963. Recent Geomorphic History of the Pontchartrain Basin. Coastal Studies Series No. 9. Louisiana State Univ. Press, Baton Rouge, Louisiana. 114 p.
- Saucier, R. T. 1974. Saucier, R. T. 1994. *Geomorphology and Quaternary Geologic History of the Lower Mississippi Valley: Volume I*. U.S Army Engineer Waterways Experiment Station. Prepared for The President Mississippi River Commission. Vicksburg, MS.
- Saunders, J. W. 2010. Middle Archaic and Watson Brake In *Archaeology of Louisiana* edited by Mark A. Rees. Louisiana State University Press, Baton Rouge, Louisiana.
- Scaife, W. W., R. E. Scatolini, S. R., and J. B. Zedler. 1996. Epibenthic invertebrates of natural and constructed salt marshes of San Diego Bay. *Wetlands* 16:24-37.
- Schile, L. M., J. C. Callaway, J. T. Morris, D. Stralberg, V. T. Parker, and M. Kelly. 2014. Modeling tidal wetland distribution with sea-level rise: Evaluating the role of vegetation, sediment, and upland habitat in marsh resiliency. *PLoS ONE* 9: e88760. doi:10.1371/journal.pone.0088760
- Schoener, T. W. 1974. Resource partitioning in ecological communities. *Science* 185: 27-39.
- Schuyt, K., and L. Brander. 2004. *The Economic Value of the World's Wetlands*. World Wildl. Fund, Gland/Amsterdam, Neth. 32 pp. 76. Soc. Ecol.



- Sekercioglu, C. H. 2010. Ecosystem functions and services. Pages 45–72 in Conservation Biology for All (N. S. Sodhi and P. R. Ehrlich, Eds.). Oxford University Press, Oxford, United Kingdom.
- Seneca, E. D., S. W. Broome, and W. W. Woodhouse, Jr. 1985. The influence of duration-of-inundation on development of a man-initiated *Spartina alterniflora* Loisel marsh in North Carolina. *Journal of Experimental Marine Biology and Ecology* 94:259-268.
- Shaffer G.P., Thaïs E. Perkins, Susanne Hoepfner, Susan Howell, Heath Benard, and A. Carol Parsons. 2003. Ecosystem Health of the Maurepas Swamp: Feasibility and Projected Benefits of a Freshwater Diversion. Prepared for: The U.S. Environmental Protection Agency. 105 pp.
- Shaffer, G. P., P.C. Stouffer, M.A. Poirrier. 2006. A Whole-System Approach for Restoring the Wetlands of the Western Lake Pontchartrain Basin. Southeastern Louisiana University, Louisiana State University, University of New Orleans, LA.
- Shaffer, G.P., W.B. Wood, S.S. Hoepfner, T.E. Perkins, J. Zoller, and D. Kandalepas. 2009. Degradation of Baldcypress-Water Tupelo Swamp to Marsh and Open Water in Southeastern Louisiana, U.S.A.: An Irreversible Trajectory? *Journal of Coastal Research*, Special Issue 54:152-165
- Sharp, J. A., R. E. Heath, and N. D. Clifton. 2013. One-Dimensional Modeling of Sedimentation Impacts for the Mississippi River at the West Bay Diversion, Vicksburg. *Journal of Water Resource and Protection* 2013, 5, 16-29.
- Sheridan, P., and T. J. Minello. 2003. Nekton use of different habitat types in seagrass beds of lower Laguna Madre, Texas. *Bulletin of Marine Science* 72: 37–61.
- Shinkle, K. D., and R. K. Dokka (2004), Rates of vertical displacement at benchmarks in the Lower Mississippi Valley and the northern Gulf Coast, NOAA Tech. Rep. 50
- Short, F. and Coles, R. (eds.), 2001. *Global Seagrass Research Methods*. Amsterdam: Elsevier Science BV, 473p.
- Simonsen, K., and J. H. Cowan Jr. 2008. Sport fish utilization of an inshore artificial oyster reef in Barataria Bay, Louisiana. *Proceedings of the Gulf and Caribbean Fisheries Institute* 60: 389-406.
- Smil, V. 2000. Phosphorus in the environment: Natural flows and human interferences. *Annu. Rev. Energy Environ.* 25:53–88.
- Smith, K. A., T. Ball, F. Conen, K. E. Dobbie, J. Massheder, and A. Rey. 2003. Exchange of greenhouse gases between soil and atmosphere: interactions of soil physical factors and biological processes. *Eur. J. Soil Sci.* 54:779–91.
- Smith, L. M. 1993. Estimated presettlement and current acres of natural plant communities in Louisiana. Louisiana Natural Heritage Program, Louisiana Department of Wildlife and Fisheries, Baton Rouge, LA.
- Smith, L. M. 1999. Historic vegetation of the Florida Parishes. Louisiana Natural Heritage Program, Louisiana Department of Wildlife and Fisheries, Baton Rouge, LA.
- Smith, L. M., and B. R. Winkley. 1996. The response of the Lower Mississippi River to river engineering. *Engineering Geology* 45(1):433-455.
- Smith, L.M., J.B. Dunbar, and L.D. Britsch. 1986. Geomorphic investigation of the Atchafalaya Basin, Area West, Atchafalaya Delta, and Terrebonne Marsh. U.S. Army Engineer Waterways Experiment Station, Vicksburg, Mississippi.
- Snedden, G.A., and Swenson, E.M., 2012, [Hydrologic index development and application to selected Coastwide Reference Monitoring System sites and Coastal Wetlands Planning, Protection and Restoration Act projects](#): U.S. Geological Survey Open-File Report 2012–1122, 25 p.
- Solecki, W. D. 2001. South Florida: The reality of change and the prospects for sustainability: The role of global-to local linkages in land use/land cover change in South Florida. *Ecological Economics* 37 (3): 339-56.
- Soniat, T. M., C. M. Finelli, J. T. Ruiz. 2004. Vertical structure and predator refuge mediate oyster reef development and community dynamics. *Journal of Experimental Marine Biology and Ecology* 310:163-182.
- Spearing, D. 1995. *Roadside geology of Louisiana*. Mountain Press Publishing Co., Missoula, Montana. xiii, 225 p.



- Sprunt, A. IV. 1968. Values of the South Atlantic and Gulf Coast marshes and estuaries to birds other than waterfowl, Pp. 64-72 in Newsom, J. D. (ed.) Proc. Marsh and Estuary Manage. Symp., La. State University, Baton Rouge.
- Spurgeon, J. 1999. The socio-economic costs and benefits of coastal habitat rehabilitation and creation. Marine
- Stanley, J. G. and M. A. Sellers. 1986. Species Profiles: Life Histories and Environmental Requirements of Coastal Fishes and Invertebrates (Gulf of Mexico) – American Oyster. U.S. Fish and Wildlife Service Biological Report 82(11.64). U.S. Army Corps of Engineers, TR EL-82-4. 25 pp.
- Stewart, J. H. 1993. Inflated heelsplitter (*Potamilus inflatus*) recovery plan. Jackson, Miss.: U.S. Fish and Wildlife Service.
- Steyer, G. D., K. F. Cretini, S. Piazza, L. A. Sharp, G. A. Snedden, and S. Sapkota. 2010. Hurricane influences on vegetation community change in coastal Louisiana. U.S. Geological Survey Open-File Report 2010–1105, 21p.:  
<http://pubs.usgs.gov/of/2010/1105/>
- Stone, G. W. and R. A. McBride. 1998. Louisiana barrier islands and their importance in wetland protection: forecasting shoreline change and subsequent response of wave climate. *Journal of Coastal Research*, 14(3), 900-916.
- Stone, G. W., A. Sheremet, X. Zhang, and D. Braud. 2003. Coastal Land Loss and Wave-Surge Predictions During Hurricanes in Coastal Louisiana: Implications for the Oil and Gas Industry. Coastal Studies Institute, Louisiana State University, Baton Rouge, Louisiana, 61p.
- Stone, J.H., N.A. Drummond, L.L. Cook, E.C. Theriot, and D.M. Lindstedt. 1980. The distribution and abundance of plankton of Lake Pontchartrain, Louisiana, 1978. Pp437-590 in J.H. Stone, ed. Environmental Analysis of Lake Pontchartrain, Louisiana, Its Surrounding Wetlands, and Selected Land Uses. Fols 1 and 2. Publication no. LSU-CEL-80-089. Center for Wetland Resources, LSU Baton Rouge.
- Stoner, A. W. 2003. What constitutes essential nursery habitat for a marine species? A case study of habitat form and function for queen conch. *Marine Ecology Progress Series*, 257, 275-289.
- Stouffer, P.C., and J.A. Zoller. 2006. Use of Lake Maurepas Wetlands by Migrating Birds. PBRP Research. Highlight.  
[http://www2.selu.edu/orgs/pbrp/redesign\\_documents/PBRP\\_RH\\_4.pdf](http://www2.selu.edu/orgs/pbrp/redesign_documents/PBRP_RH_4.pdf).
- Stunz, G. W., P. S. Levin., T. J. Minello. 2001. Selection of estuarine nursery habitats by wild-caught and hatchery-reared juvenile red drum in laboratory mesocosms. *Environmental Biology of Fishes*, 61(3), 305-313.
- Stutzenbaker, C. D., 1999. Aquatic and Wetland Plants of the West ern Gulf Coast. Austin, Texas: Texas Parks and Wildlife Press, 465p.
- Summerhayes, S. A., M. J. Bishop, A. Leigh, and B. P. Kelaher. 2009. Effects of oyster death and shell disarticulation on associated communities of epibiota. *Journal of Marine Biology and Ecology* 379:60-67.
- Swanton, J. R. 1911. *Indian Tribes of the Lower Mississippi Valley and Adjacent Coast of the Gulf of Mexico*. Smithsonian Institution Bureau of American Ethnology Bulletin 43. Government Printing Office, Washington.
- Swarzenski C., T. Doyle, B. Fry, T. Hargis. 2008. Biogeochemical Response of Organic-Rich Freshwater Marshes in the Louisiana Delta Plain to Chronic River Water Influx. *Biogeochemistry* 90:49–63
- Swarzenski, C.M., T.W. Doyle, and T.G. Hargis. Pore-Water and Substrate Quality of the Peat Marshes of the Barataria Preserve, Jean Lafitte National Historical Park and Preserve, and Comparison with Penchant Basin Peat Marshes, South Louisiana, 2000-2002. USGS Scientific Investigations Report 2005-5121. [http://water.usgs.gov/nps\\_partnership/jela.php](http://water.usgs.gov/nps_partnership/jela.php).
- Tate, J.N., A.R. Carrilo, R.C. Bergeer, and B.J. Thibodeaux. 2002. Salinity Changes in Pontchartrain Basin Estuary, Louisiana, Resulting from Mississippi River-Gulf Outlet Partial Closure Plans with Width Reduction. Technical Report ERDC/CHL TR-02-12. Vicksburg, MS: U.S. Army Engineer Research and Development Center. <http://www.dtic.mil/cgi-bin/GetTRDoc?Location=U2&doc=GetTRDoc.pdf&AD=ADA408114>.
- Taylor, R. E., Haynes, C. V. and M. Stuiver. 1996. Clovis and Folsom Age Estimates: Stratigraphic Context and Radiocarbon Calibration. *Antiquity* 70:515-525.



- Teal, J. M., R. Best, J. Caffrey, C. S. Hopkinson, K. L. McKee, J. T. Morris, S. Newman and B. Orem. 2012. Mississippi River Freshwater Diversions in Southern Louisiana: Effects on Wetland Vegetation, Soils, and Elevation. Edited by A.J. Lewitus, M. Croom, T. Davison, D.M. Kidwell, B.A. Kleiss, J.W. Pahl, and C.M. Swarzenski. Final Report to the State of Louisiana and the U.S. Army Corps of Engineers through the Louisiana Coastal Area Science & Technology Program; coordinated by the National Oceanic and Atmospheric Administration. 49 pages.
- Templet, P. H., and K. J. Meyer-Arendt. 1988. Louisiana wetland loss: a regional water management approach to the problem. *Environmental management*, 12(2), 181-192.
- Theelin, G.P. and W.W. Stone. 2013. *Estimation of Annual Agricultural Pesticide Use for Counties of the Conterminous United States, 1992-2009*. U.S. Geological Survey Scientific Investigations Report 2013-5009. <http://pubs.usgs.gov/sir/2013/5009/>.
- Thompson, S. P., H. W. Paerl, and M. C. Go. 1995. Seasonal patterns of nitrification and denitrification in a natural and a restored salt marsh. *Estuaries* 18:399-408. Tisdale, S. L., W. L. Nelson, and J. D. Beaton.
- Thorne, C. R., O. P. Harmar, and N. Wallerstein. 2001. Morphodynamics of the Lower Mississippi River. London, England: U.S. Army Research, Development and Standardization Group-U.K.
- Thorne, C., O. Harmar, C. Watson, N. Clifford, D. Biedenharn, and R. Measures. 2008. Current and Historical Loads in the Lower Mississippi River. Final Report to the U.S. Army, Contract Number 1106-EN-01, School of Geography, University of Nottingham, University Park, Nottingham, U.K.: 147.
- Tobin, E. J., J. M. Visser, J. K. Peterson, and P. L. Leberg. 2014. Small-mammal occupancy in freshwater marshes of Mandalay National Wildlife Refuge, Louisiana. *Southeastern Naturalist* 13: 463-474.
- Törnqvist, T. E., D. J. Wallace, J. E. A. Storms, J. Wallinga, R. L. Van Dam, M. Blaauw, M. S. Dirksen, C. J. W. Klerks, C. Meijneken, and E. M. Snijders. 2008. Mississippi Delta subsidence primarily caused by compaction of Holocene strata. *Nature Geoscience*, 1:173-176.
- Törnqvist, T. E., J. L. Gonzalez, L. A. Newsom, K. Van der Borg, and A. F. M. De Jong. 2002. Reconstructing “background” rates of sea level rise as a tool for forecasting coastal wetland loss, Mississippi Delta. *Eos*, 83:525, 530-531.
- Törnqvist, T.E., S. J. Bick, K. Van der Borg, A. F. M. De Jong. 2006. How stable is the Mississippi Delta? *Geology* 34, 697–700.
- Tramer, E. J. 1969. Bird species diversity: components of Shannon's formula. *Ecology* 50:927-929.
- Trimble, S. W. 1999. Decreased rates of alluvial sediment storage in the Coon Creek Basin, Wisconsin, 1975-93. *Science* 285: 1244- 1246.
- Tulane and Xavier. 2013. Mississippi State Management Plan for Aquatic Invasive Species. Center for Bioenvironmental Research at Tulane and Xavier Universities. Final Management Plan.
- Tulane University. 2009. Portals and Pathways – Invasive Species in Louisiana. Center for Bioenvironmental Research at Tulane University. New Orleans, Louisiana: <http://is.cbr.tulane.edu/PortalsAndPathways.html>
- Turner R. E. and N. N. Rabalais. 2003. Linking landscape and water quality in the Mississippi River basin for 200 years. *Bio-Science* 53:563–72.
- Turner, R.E. and N.N. Rabalais. 2003. *Linking Landscape and Water Quality in the Mississippi River Basin for 200 Years*. *Bioscience* 53(6):563-572. <http://bioscience.oxfordjournals.org/content/53/6/563.full>. Last accessed on December 1, 2014.
- Turner, and R. Costanza. 1983. Coastal Louisiana Recent Land Loss and Canal Impacts. *Environmental Management*, 7, 433-442.
- Turner, R. E. 1990. Landscape development and coastal wetland losses in the northern Gulf of Mexico. *American Zoology* 30:89-105.
- Turner, R. E. 1997. Wetland loss in the northern Gulf of Mexico: multiple working hypotheses. *Estuaries* 20:1-13.



- Turner, R. E. 2011. Beneath the Salt Marsh Canopy: Loss of Soil Strength with Increasing Nutrient Loads. *Estuaries and Coasts* 34:1084 - 1093.
- Turner, R. E. and D. R. Cahoon, eds. 1987. Causes of wetland loss in the coastal central Gulf of Mexico, vols. I and II. U.S. Dept. of the Interior, Minerals Management Service, Gulf of Mexico OCS Region, New Orleans, LA. OCS Study MMS 87-0119/20.
- Turner, R. E. and N. N. Rabalais, 1991. Changes in Mississippi River water quality this century. *BioScience* 41: 140-147.
- Turner, R. E., and M. E. Boyer. 1997. Mississippi River diversions, coastal wetland restoration/creation and an economy of scale. *Ecological Engineering*, 8(2), 117-128. [USACE] U.S. Army Corps of Engineers. 2009. Barataria Basin Barrier Shoreline Restoration Environmental Impact Statement. U.S. Army Corps of Engineers. New Orleans, Louisiana.
- Turner, R. E., and M. S. Brody. 1983. Habitat Suitability Index Models: Northern Gulf of Mexico Brown Shrimp and White Shrimp. U.S. Dept. of Interior. Fish and Wildlife Service. FWS/OBS-82/10.54. 24 pp.
- Turner, R. E., J. J. Baustian, E. M. Swenson, and J. S. Spicer. 2006. Wetland sedimentation from Hurricanes Katrina and Rita: *Science*, v. 314, p. 449–452, doi:10.1126/science.1129116.
- Turner, R. E., Q. Dortch, D. Justic, and E. M. Swenson. 2002. Nitrogen loading into an urban estuary: Lake Pontchartrain (Louisiana, U.S.A.). *Hydrobiologia* 487:137-152.
- Turner, R.E., Q. Dortch, D. Justic, and E.M. Swenson. 2002. Nitrogen loading into an urban estuary: Lake Pontchartrain (Louisiana, U.S.A.). *Hydrobiologia* 487:137-152.
- Tweel, A. W. and R. E. Turner. 2012. Watershed land use and river engineering drive wetland formation and loss in the Mississippi River birdfoot delta. *Limnol. Oceanogr.* 57, 18–28.
- Tweel, A.W. and R.E. Turner. 2012. *Watershed land use and river engineering drive wetland formation and loss in the Mississippi River birdfoot delta*. *Limnology and Oceanography* 57(1):18-28. [http://aslo.org/lo/toc/vol\\_57/issue\\_1/0018.pdf](http://aslo.org/lo/toc/vol_57/issue_1/0018.pdf). Last accessed on August 14, 2014.
- [USACE] U.S. Army Corps of Engineers. 2004. Louisiana Coastal Area (LCA) Ecosystem Restoration Study. Volume 1: LCA Study – Main Report. November, 2004.
- [USACE]. 2010a. LOUISIANA COASTAL AREA (LCA) ECOSYSTEM RESTORATION STUDY. Volume II of VI. Final Integrated Feasibility Study and Supplemental Environmental Impact Statement for the Amite River Diversion Canal Modification Ascension and Livingston Parishes, Louisiana. December 2010.
- [USACE] 2010b. LOUISIANA COASTAL AREA (LCA) ECOSYSTEM RESTORATION STUDY Volume IV of VI Final Integrated Feasibility Study and Supplemental Environmental Impact Statement for the Small Diversion at Convent/Blind River, St. James Parish, Louisiana. October 2010.
- [USACE] U.S. Army Corps of Engineers. 2012a. Louisiana Coastal Area Barataria Basin Barrier Shoreline Restoration Final Integrated Construction Report and Final Environmental Impact Statement. U.S. Army Corps of Engineers. New Orleans, Louisiana.
- [USACE] U.S. Army Corps of Engineers. 2012b. Bonnet Carré Spillway Informational Brochure. Published February 2012.
- [USACE] U.S. Army Corps of Engineers. 2015a. An Overview of the Mississippi River's Saltwater Wedge: [http://www2.mvn.usace.army.mil/eng/saltwater/wedge\\_overview.asp](http://www2.mvn.usace.army.mil/eng/saltwater/wedge_overview.asp)
- [USACE] U.S. Army Corps of Engineers. 2015b. Dredging and Threatened/Endangered Species in the Southeastern US: [http://el.erdc.usace.army.mil/workshops/11May-dmams/18\\_TES-Dredging\\_Dickerson.pdf](http://el.erdc.usace.army.mil/workshops/11May-dmams/18_TES-Dredging_Dickerson.pdf)
- [USACE] U.S. Army Corps of Engineers. 2004. Louisiana Coastal Area (LCA) Ecosystem Restoration Study. November 2004. Final. Volume 2: Programmatic Final Environmental Impact Statement. New Orleans, LA.
- [USCD] United States Climate Data. 2014a. Buras, Louisiana: <http://www.usclimatedata.com/climate/buras/louisiana/united-states/usla0064>



- [USCD] United States Climate Data. 2014b. New Orleans, Louisiana: <http://www.usclimatedata.com/climate/new-orleans/louisiana/united-states/usla0338>
- [USDA] U.S. Department of Agriculture Natural Resources Conservation Service (NRCS). 2013. "Farmland Protection Policy Act.": <http://www.nrcs.usda.gov/wps/portal/nrcs/main/national/landuse/fppa/>
- [USDA] U.S. Department of Agriculture Natural Resources Conservation Service (NRCS). 2014a. Soil Formation: [http://www.nrcs.usda.gov/wps/portal/nrcs/detail/wa/soils/?cid=nrcs144p2\\_036333](http://www.nrcs.usda.gov/wps/portal/nrcs/detail/wa/soils/?cid=nrcs144p2_036333);
- [USDA] U.S. Department of Agriculture Natural Resources Conservation Service (NRCS). 2014b. Web Soil Survey: <http://websoilsurvey.sc.egov.usda.gov/App/HomePage.htm>
- [USDOE] United States Department of Energy. 2004. USDOE Consortium for Research on Enhancing Carbon Sequestration in Terrestrial Ecosystems (CSiTE): <http://csite.esd.ornl.gov/>
- [USDOI] United States Department of the Interior. 1994. The Impact of Federal Programs on Wetlands, Volume II, A Report to Congress, by the Secretary of the Interior, Washington, DC.
- [USDOI] United States Department of the Interior. 2014. Chapter 8: Coastal Louisiana. <http://www.doi.gov/pmb/oepc/wetlands2/v2ch8.cfm>
- [USEPA] [USEPA] U.S. Environmental Protection Agency. 1991. Final Environmental Impact Statement for the Designation of an Ocean Dredged Material Disposal Site Located Offshore Pascagoula, Mississippi. July. Prepared by U.S. EPA, Region 4.
- U.S. Department of Health and Human Services poverty guidelines. 2012. <http://aspe.hhs.gov/poverty/09poverty.shtml>
- U.S. Environmental Protection Agency (USEPA). 2011. Impaired Waters and Total Maximum Daily Loads. <http://water.epa.gov/lawsregs/lawsguidance/cwa/tmdl/index.cfm>.
- U.S. Environmental Protection Agency (USEPA). 2012. Stormwater Pollution Prevention Plans for Construction Activities. <http://cfpub.epa.gov/npdes/stormwater/swppp.cfm>.
- U.S. Environmental Protection Agency. 2014. Harmful Algal Blooms: <http://www2.epa.gov/nutrientpollution/harmful-algal-blooms>.
- [USFWS] United States Fish and Wildlife Service. 2012. 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation. Revised February 2014.
- [USFWS] United States Fish and Wildlife Service. 2014c. Southeast Louisiana National Wildlife Refuges Complex Website; <http://www.fws.gov/southeastlouisiana/index.html>
- [USFWS] United States Fish and Wildlife Service. 1982. Gulf Coast Ecological Inventory Map; Mobile- Ala., Miss., LA. area. U.S. Fish and Wildlife Service.
- [USFWS] United States Fish and Wildlife Service. 2004. Waterfowl population status, 2004. Rep. <http://migratorybirds.fws.gov/reports/reports.html>
- [USFWS] U.S. Fish & Wildlife Service. 2010. Biological Opinion for Proposed Medium Diversion at White Ditch.
- [USFWS] United States Fish and Wildlife Service. 2014a. Louisiana's Threatened and Endangered Species. Southeast Region, Louisiana Ecological Services: [http://www.fws.gov/lafayette/es/endangered\\_species.html](http://www.fws.gov/lafayette/es/endangered_species.html);
- [USFWS] United States Fish and Wildlife Service. 2014d. Environmental Conservation Online System. Website: <http://ecos.fws.gov/ecos/home.action>
- [USFWS] United States Fish and Wildlife Service. 2014e. Piping Plover: <http://www.fws.gov/plover/>
- USGS U.S. Geological Survey /National Wetland Research Center. 2000. Nutria, Eating Louisiana's Coast. <http://www.nwrc.usgs.gov/factshts/020-00.pdf>





USGS Circular 1375: Van Heerden, I. L. and H. H. Roberts. 1988. Facies development of Atchafalaya Delta, Louisiana: a modern bayhead delta. *The American Association of Petroleum Geologists Bulletin* 72(4):439-453.

USGS 2012A Brief History and Summary of the Effects of River Engineering and Dams on the Mississippi River System and Delta. Jason S. Alexander, Richard C. Wilson, and W. Reed Green. A Brief History and Summary of the Effects of River Engineering and Dams on the Mississippi River System and Delta.

USGS U.S. Geological Survey. 1998. Lake Pontchartrain Basin: Bottom Sediments and Regional Scientific and Educational Resources. U.S. Geological Survey Open-File Report No. 98-805. Report Editor, Frank T. Manheim.

USGS U.S. Geological Survey. 2000. Nutria, Eating Louisiana's Coast. U.S. Geological Survey – National Wetlands Research Center. Lafayette, Louisiana.

USGS U.S. Geological Survey. 2015a. USGS Water Data for the Nation: <http://waterdata.usgs.gov/nwis>

USGS U.S. Geological Survey. 2015b. USGS Environmental Atlas of the Lake Pontchartrain Basin: <http://pubs.usgs.gov/of/2002/of02-206/env-overview/landuse.html>

USGS U.S. Geological Survey. 2015c. Invasive Species: [http://www.nwrc.usgs.gov/topics/invasive\\_species/animals.htm](http://www.nwrc.usgs.gov/topics/invasive_species/animals.htm)

USGS U.S. Geological Survey. Subsidence and Wetland Loss Related to Fluid Energy Production, Gulf Coast Basin: <http://coastal.er.usgs.gov/gc-subsidence/subsidence.html>

Vellend M, W. K. Cornwell, K. Magnuson-Ford, and A. Mooers. 2011. Measuring phylogenetic biodiversity. In: Magurran A. E, McGill B.J., eds. *Biological diversity: frontiers in measurement and assessment*. Oxford: Oxford University Press. 194-207.

Villamagna, A. and B. Murphy. 2010. Ecological and socioeconomic impacts of invasive Water Hyacinth (*Eichhornia crassipes*): A review. *Freshwater Biology* 55:282-298.

Visser, J. M., C. E. Sasser, R. H. Chabreck, and R. G. Linscombe. 1999. Long-term vegetation change in Louisiana tidal marshes, 1968–1992. *Wetlands*, 19(1), 168-175.

Vogel, H. D., 1930. Report on control of floods of the Lower Mississippi River, Annex no. 5, Basic data Mississippi River. House Doc. 798, 71st Cong., 3rd sess., pp. 61–137.

Walker, H. J., D. W. Davis. 2002. The Mississippi River: engineered routes to the sea. *Engineered Coasts*. Volume 6, 2002, pp 61-83.

Walker, J., J. Coleman, H. Roberts, and R. Tye. 1987. Wetland loss in Louisiana. *Geogr. Ann.* 69:189–200.

Wall, B. H., L. T. Cummins, J. G. Taylor, W. I. Hair, M. T. Carleton, M. L. Kurtz. 1990. *Louisiana: A History*. Forum Press, Inc., Arlington Heights, IL.

Wall, D. P. and S. P. Darwin. 1999. Vegetation and elevational gradients within a bottomland hardwood forest of southeastern Louisiana. *Am. Midl. Nat* 142:17–30. *BioOne*.

Wamsley, T. V., M. A. Cialone, J. M. Smith, B. A. Ebersole, and A. S. Grzegorzewski. 2009. Influence of Landscape Restoration and Degradation on Storm Surge and Waves in Southern Louisiana. *Journal of Natural Hazards*, doi: 10.1007/s 11069-009-9378-z.

Wang, F. C. 1987. Saltwater intrusion modeling: The role of manmade features. In: R.E. Turner and D. R. Cahoon (eds.). *Causes of loss in the coastal central Gulf of Mexico*. Volume II: Technical Narrative. Final report submitted to Minerals Management Service, New Orleans, LA. Contract No. 14-12-0001-30252. OCS Study/MMS 87-0120. 400 p.

Wang, F. C. 1988. Dynamics of saltwater intrusion in coastal channels. *Journal of Geophysical Research* 93.C6:6937-46.

Wang, R. and L. Kalin. 2011. Modeling effects of land use/cover changes under limited data. *Echohydroogy* (4) 265-276

Want, W. L. 1989. *Law of Wetlands Regulation*. Clark Boardman Comp. Ltd. New York, NY, USA.



- Wayne, L. D., M. R. Byearsnes, J. D. Hayden, and G. Pallinti. 1994. An analytical model for classifying land loss in Louisiana. Pages I-679 to I-686 in Second thematic conference on remote sensing for marine and coastal environments, 31 Jan–2 Feb 1994, New Orleans, La. Webb, J., and M. B. Jackson Jan–2 Feb 1994, New Orleans, La.
- Wayne, L. D., M. R. Byearsnes, L. D. Britsch, S. Penland, P. L. Wilkey, T. A. Williams, and S. J. Williams. 1993. A method for classifying land loss by geomorphology and process. Pages 85–95 in Coastlines of the Gulf of Mexico, Proceedings of the 8th symposium on coastal and ocean management. American Shore and Beach Preservation Association/ American Society of Civil Engineers, New Orleans.
- Webb, C. 1982. The Poverty Point Culture. *Geoscience and Man* 17. Revised 2<sup>nd</sup> edition. Louisiana State University, Baton Rouge, Louisiana.
- Webb, E. C. 1997. Causes of Vegetation Dieback and Subsequent Wetland Loss in Two Louisiana Coastal Marshes. Ph.D. Dissertation, Louisiana State University. 99 pages.
- Webb, E. C. and I. A. Mendelssohn. 1996. Factors Affecting Vegetation Dieback of an Oligohaline Marsh in Coastal Louisiana: Field Manipulation of Salinity and Submergence. *American Journal of Botany*. 83(11): 1429-1434.
- Weindorf, D. C. 2008. An Update of the Field Guide to Louisiana Soil Classification. LSU Agricultural Center Bulletin. 889. Louisiana Agriculture Experiment Station, Baton Rouge, LA.
- Wekeley, J.S., and T.H. Roberts. 1996. Bird distribution and forest zonation in a bottomland hardwood wetland. *Wetland* 6: 296–308.
- Wells, H. W. 1961. The fauna of oyster beds with special reference to the salinity factor. *Ecological Monographs* 31(3):239-266.
- Wesley, A. K., J. P. Schubauer-Berigan, and C. B. Craft. 2011. Effects of Five Years of Nitrogen and Phosphorus Additions on a *Zizaniopsis miliacea* Tidal Freshwater Marsh. *Aquatic Botany*. 95(1):17-23.
- Weston Solutions, Inc. 2008. *Final Report: Inner Harbor Navigation Canal, Evaluation of Material Generated from Lock Construction, New Orleans, Louisiana*. Prepared for the U.S. Army Engineer District, Tulsa, OK, and the U.S. Army Engineer District, New Orleans, LA. Contract No. W912BV-04-D-2026.
- White, D. A. 1993. Vascular plant community development on mudflats in the Mississippi River delta, Louisiana, USA *Aquatic Botany*, Volume 45, Issue 2, Pages 171-194.
- White, D. A., T. E. Weiss, J. M. Trapani, L. B. Thien. 1978. Productivity and decomposition of the dominant salt marsh plants in Louisiana. *Ecology* 59: 751-759.
- Whittaker, R. H. and Likens, G. E. 1973. Primary production: the biosphere and man. *Human Ecol.* 1, 357-369.
- Wicker, K. M. 1980. Mississippi deltaic plain region ecological characterization: a habitat mapping study. A user's guide to the habitat maps. FWS/OBS-79/07. US Fish and Wildlife Service, Office of Biological Services, Slidell, Louisiana.
- Wilds, J., C. L. Dufour, W. G. Cowan. 1996. *Louisiana, Yesterday and Today: A Historical Guide to the State*. Louisiana State University Press, Baton Rouge.
- Williams, Jr., G. I. 1989. Historic European Period, In, *Archeology and Bioarcheology of the Lower Mississippi Valley and Trans-Mississippi South in Arkansas and Louisiana*. Arkansas Archeological Survey Research Series NO. 37 pp. 249-290.
- Williams, S. J., S. Penland, A. H. Sallenger, Jr. (eds.). 1992. Atlas of shoreline changes in Louisiana from 1853-1989. U.S. Geological Survey, Reston, VA.
- Williamson, K. L., and P. C. Nelson. 1985. Habitat suitability index models and instream flow suitability curves: Gizzard shad. U.S. Fish Wildl. Servo Biol. Rep. 82(10.112). 33 pp.
- Winer, H. S. 2011. Re-Engineering the Mississippi River as a Sediment Delivery System. In: Roberts, T.M., Rosati, J.D., and Wang, P. (eds.), Proceedings, Symposium to Honor Dr. Nicholas C. Kraus, *Journal of Coastal Research*, Special Issue, No. 59, pp. 229-234. West Palm Beach (Florida), ISSN 0749-0208.



- Winkley, B. 1982. Response of the Lower Mississippi to river training and realignment. In: *Gravel-Bed Rivers* (ed.
- Wissel, B., A. Gace, and B. Fry. 2005. Tracing river influences on phytoplankton dynamics in two Louisiana estuaries. *Ecology* 86(10): 2751-2762.
- Wissel, B., Fry B. 2005. Tracing Mississippi River influences in estuarine food webs of coastal Louisiana. *Oecologia* 144:659-672.
- Woodward, R. T. and Y. S. Wui. 2001. The economic value of wetland services: A meta analysis. *Ecological Economics* 37:257-270.
- Wu, K and Y.J. Xu. 2007. Long-term freshwater inflow and sediment discharge into Lake Pontchartrain in Louisiana, USA. *Hydrological Sciences Journal* 52(1):166-180.
- Wu, K. and Y. J. Xu. 2007. Long-term freshwater inflow and sediment discharge into Lake Pontchartrain in Louisiana, USA. *Hydrobiol. Sci.*, 166–180.
- Zacharie, F. C. 1898. The Louisiana oyster industry. *Fishing Gaz.*, Oct. I.
- Zedler, J. B., and S. Kercher. 2005. Wetland resources: Status, ecosystem services, degradation, and restorability. *Annual Review of Environment and Resources* 30:39-74. *Annual Reviews*, Palo Alto, CA.
- Zimmerman, R. J., and J. M. Nance. 1991. Effects of accelerated sea-level rise on coastal secondary production. Pages 110–124 in H. S. Bolton and O. T. Magoon, eds. *Coastal wetlands*. American Society of Civil Engineers, New York.
- Zimmerman, R. J., and T. J. Minello. 1984. Densities of *Penaeus aztecus*, *Penaeus setiferus*, and other natant macrofauna in a Texas salt marsh. *Estuaries* 7: 421–433.
- Zimmerman, R. J., T. J. Minello, and L. P. Rozas. 2000. Salt marsh linkages to productivity of penaeid shrimps and blue crabs in the northern Gulf of Mexico. In: Weinstein, M.P. and Krieger, D.A. (eds.), *Concepts and Controversies in Tidal Marsh Ecology*. Dordrecht, Netherlands: Kluwer Academic Press, pp. 293 314.
- Zoller, J.A. 2004. Seasonal differences in bird communities of Louisiana swamp and manipulation of the breeding density of Prothonotary Warblers. Thesis. ProQuest.