

Conclusion

At the heart of all of these recommendations is the recognition that coastal Louisiana connects the nation's heartland to the rest of the world, transporting agricultural and industrial commodities and meeting the nation's energy demands while at the same time supporting amazingly productive ecosystems and culturally vibrant communities.

Ensuring the sustainability of this region requires the same basic commitment from all concerned: the resolve to achieve and maintain an unprecedented level of excellence in our plans for and care of coastal Louisiana. This commitment does not seek to elevate one set of needs over another, but rather to balance the many interests—cultural, economic, and ecological—that together make America's Wetland one of the most unique and vital coastal regions in the world.





Courtesy Donn Young / Port of New Orleans

Norwegian Cruise Lines' Norwegian Sun berths at the Port of New Orleans. The Norwegian Sun was the first cruise ship to return to New Orleans following Hurricane Katrina.

Literature Cited

- 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. Historic and predicted coastal Louisiana land changes: 1978-2050. U.S. Geological Survey Open File Report 03-334. U.S. Geological Survey, National Wetlands Research Center, Baton Rouge, LA.
- 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(5819): 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(4): 636-647. (Papers from William E. Odum Memorial Symposium).
- Intergovernmental Panel on Climate Change. 2007. Climate change 2007: The physical science basis, Summary for policy makers. 21 pages. www.ipcc.ch.
- Lopez, J. 2006. The multiple lines of defense strategy to sustain coastal Louisiana. Lake Pontchartrain Basin Foundation. 21 pp.
- Louisiana Department of Natural Resources, Technology Assessment Division. 2005. Selected Louisiana energy statistics. Louisiana Energy Topic. Baton Rouge, Louisiana. Internet URL:<http://dnr.louisiana.gov/sec/execdiv/techasmt/newsletters/2005-07/topic.pdf>.
- Louisiana Department of Natural Resources, Technology Assessment Division. 2006. America's energy corridor: Louisiana serving the nation's energy needs. Baton Rouge: Louisiana. 31pp.
- Louisiana Department of Wildlife and Fisheries. 2000. Unpublished report. Waterfowl population estimates in Louisiana's coastal zone below US Highway 90 and on Catahoula Lake. Baton Rouge, LA.
- Louisiana Department of Wildlife and Fisheries. 2005. The economic benefits of fisheries, wildlife and boating resources in the state of Louisiana. Southwick Associates, 34 pp.

- Louisiana Recovery Authority. 2006. Hurricane Katrina Anniversary Data for Louisiana. Internet URL: <http://www.lra.louisiana.gov/numbers/html>.
- Reed, D.J. 2002. Sea level rise and coastal marsh sustainability: Geological and ecological factors in the Mississippi Delta Plain. *Geomorphology* 48: 233-243.
- Scavia, D., J. C. Field, D. F. Boesch, R. W. Buddemeier, V. Burkett, D. R. Cayan, M. Fogarty, M. A. Harwell, R. W. Howarth, C. Mason, D. J. Reed, T. C. Royer, A. H. Sallenger and J.G. Titus. 2002. Climate change impacts on U.S. coastal and marine ecosystems. *Estuaries*. 25:149-164.
- Stone, G., A. Sheremet, X. Zhang, D. Braud. 2004. Wave and storm protection provided by Louisiana's Gulf Shoreline: Barrier islands and shell reefs. IN: Louisiana Gulf Shoreline Restoration Report. University of New Orleans, Pontchartrain Institute for Environmental Sciences. Technical Series 04-003.
- Technical Group. 2006. Envisioning the Future of the Gulf Coast Conference, Final Report and Findings. New Orleans: Louisiana, 11 pp. www.futureofthegulfcoast.org/files/finalreport.pdf
- Twilley, R.R., E.J. Barron, H.L. Gholtz, M.A. Harwell, R.L. Miller, D.J. Reed, J.B. Rose, E.H. Siemann, R.G. Wetzel and R.J. Zimmerman. 2001. Confronting climate change in the Gulf Coast region: Prospects for sustaining our ecological heritage. Union of Concerned Scientists, Cambridge, Mass., and Ecological Society of America, Washington DC.
- United States Army Corps of Engineers. 2003. Water-borne Commerce of the United States, Calendar Year 2003. Part 5 – National Summaries. Fort Belvoir, VA: Water Resources Support Center, US Army Corps of Engineers. Internet URL: <http://www.iwr.usace.army.mil/ndc/wcsc/pdf/wcusnatl03.pdf>.
- United States Army Corps of Engineers. 2004. Louisiana Coastal Area (LCA), Louisiana. Ecosystem Restoration Study. New Orleans. Louisiana. 506 pp. Internet URL: www.LCA.gov. United States Army Corps of Engineers. 2004. Louisiana Coastal Area (LCA), Louisiana. Ecosystem Restoration Study: Programmatic Environmental Impact Statement. New Orleans. Louisiana. 506 pp. Internet URL: www.LCA.gov.
- United States Department of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service. 2004. Fisheries of the United States. Washington, DC. Internet URL: http://st.nmfs.gov/st1/fus/fus03/02_commercial2003.pdf.
- United States Department of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service. 2005. Fisheries of the United States, Washington, DC. Internet URL: <http://st.nmfs.gov/st1/fus/fus04/index.html>.
- United States Department of Commerce, National Oceanic and Atmospheric Administration, National Weather Service. 2006. Service Assessment: Hurricane Katrina: August 23-31, 2005. Washington, D.C. Internet URL: <http://www.weather.gov/os/assessments/pdfs/Katrina.pdf>
- Working Group for Post-Hurricane Planning for the Louisiana Coast. 2006. A New Framework for Planning the Future of Coastal Louisiana after the Hurricanes of 2005. University of Maryland Center for Environmental Science. Cambridge, Maryland. 48 pp.





Acknowledgements

Acadiana Economic & Planning District Council, Inc.
Amite River Basin Drainage and Water Conservation District
Atchafalaya Basin Levee District
Barataria-Terrebonne National Estuary Program
Calcasieu Parish
Cameron Parish
Capital Region Planning & Development Commission
City of Lake Charles
Coalition to Restore Coastal Louisiana
Ducks Unlimited
East Jefferson Levee District
Environmental Protection Agency
Federal Highway Administration
Grand Isle Independent Levee District
Governor's Advisory Commission on Coastal Protection, Restoration & Conservation
Governor's Office of Coastal Activities
Imperial Calcasieu Regional Planning & Development Commission
Jefferson Parish
Lafourche Basin Levee District
Lafourche Parish
Lake Borgne Basin Levee District
Lake Catherine Civic Association
Lake Pontchartrain Basin Foundation
LCA Science Board
Louisiana Department of Environmental Quality (DEQ)
Louisiana Department of Natural Resources (DNR)
Louisiana Department of Transportation and Development (DOTD)
Louisiana Department of Wildlife & Fisheries (DWF)
Louisiana Floodplain Managers
Louisiana Landowners Association (LLA)
Louisiana State University
Louisiana Recovery Authority
Louisiana Speaks
LSU AgCenter / Bruce Schultz
Louisiana Wildlife Federation
National Marine Fisheries Service
National Oceanic and Atmospheric Administration (NOAA)
North Lafourche Conservation, Levee & Drainage District
Orleans Levee District

Parishes Against Coastal Erosion (PACE)
Pontchartrain Levee District
Plaquemines Parish
Port of New Orleans / Donn Young
Regional Planning Commission
Restore
Restore or Retreat
St. Bernard Parish
St. Charles Parish
St. John the Baptist Parish
St. Mary Parish
St. Mary Parish Special Levee Advisory Committee
St. Tammany Parish
Science and Engineering Review Team
Scott Russell Photography
South Central Planning & Development Commission
South Florida Water Management District
South Lafourche Levee District
Terrebonne Levee and Conservation District
Terrebonne Parish
University of Florida
University of Illinois
University of Louisiana at Lafayette
University of Maryland
University of New Orleans
University of North Carolina – Chapel Hill
University of Texas
University of Washington
University of Wisconsin
U.S. Army Corps of Engineers
U.S. Fish and Wildlife Service
U.S. Department of Agriculture, Natural Resources Conservation Service
U.S. Geological Survey
Vermilion Parish
West Jefferson Levee District
World Trade Center of New Orleans

Consultants

Shaw Coastal, Inc.
 JAYMAC Consultants
 Compose Digital Design

Louisiana State University,
Coastal Louisiana Ecosystem Assessment
& Restoration (CLEAR)

Brown, Cunningham and Gannuch, Inc.
 Halcrow, Inc.
 Mobil Boundary Hydraulics, PLLC
 Sellers & Associates, Inc.
 Ellender Architects & Associates, LLC

Amy Clipp