

Denise J. Reed



Professor

Contact Information

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Education

1980 BA Department of Geography,
University of Cambridge, England
1986 Ph.D. Department of Geography,
University of Cambridge, England.
Dissertation Title: 'Suspended
sediment transport in salt marsh
creeks

Research Interests

Dr. Denise Reed is a Professor in the Department of Earth and Environmental Sciences at the University of New Orleans. Her research interests include coastal marsh response to sea-level rise, marsh soil development, and how these are affected by human alterations to marsh hydrology. She has worked on coastal issues in northwest Europe, and the Atlantic, Pacific and Gulf coasts of the US and has published the results in numerous papers and reports. Dr. Reed has served on numerous boards and panels concerning the effects of human alterations on coastal environments and the role of science in guiding ecosystem restoration including several that consider restoration in San Francisco Bay and the Sacramento-San Joaquin Delta. Dr. Reed is currently a member of the Chief of Engineer's Environmental Advisory Board, and is working with both the State of Louisiana and the Corps of Engineers in their efforts to restore the Louisiana coast.

Selected Recent Publications

- 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.
- Day, J.W. Jr., G.P. Shaffer, L.D. Britsch, D.J. Reed, S.R. Hawes and D.R. Cahoon. 2000. Pattern and process of land loss in the Mississippi Delta: a spatial and temporal analysis of wetland habitat change. *Estuaries* 23.4: 425-438.
- Reed, D.J., N. De Luca and A.L. Foote. 1997. Effect of hydrologic management on marsh surface sediment deposition in coastal Louisiana. *Estuaries* 20: 301-311.
- Reed, D.J. 1995. The response of coastal marshes to sea-level rise: survival or submergence?. *Earth Surface Processes and Landforms*, 20, 39-48.