

BARBARA A. KLEISS

**Director, Louisiana Coastal Area Science and Technology Office
USACE, Mississippi Valley Division**

Education

B.S. Biology, Spring Hill College, 1979; M.S., Biology, University of Southern Mississippi, 1983; and Ph.D., Oceanography and Coastal Sciences, Louisiana State University, 1995.

Work Experience

1980-1985: Water Quality Branch, Mississippi Department of Environmental Quality, Jackson, MS. 1985-1988: Wetlands Section, U.S. Environmental Protection Agency, Atlanta, Georgia. 1989-1995: Ecologist, Wetlands Branch, US Army Engineer Research and Development Center (ERDC). 1996-2001: U.S. Geological Survey, Chief, Mississippi Embayment National Water Quality Assessment project, Jackson, Mississippi. 2001 – present: Ecologist, Wetlands and Coastal Ecology Branch, ERDC. 1995 – present: Adjunct Professor, Jackson State University, Graduate Engineering program. 2007 - present: Director of the LCA Science and Technology Office.

Research Interests and Activities:

Research responsibilities involve wetlands restoration planning, wetlands functional assessment with an emphasis on hydrology and water chemistry, the development of hydrogeomorphic concepts for ecological assessment work and the application of ecological assessment tools across spatial and temporal scales to develop planning and management tools for watershed restoration. Recent activities include involvement with the IPET study, the MsCIP study and the Louisiana Coastal Area program. Active in the Society of Wetland Scientists and the Ecological Society of America.