

## **Current Projects in Coastal Research**

### **CREST Program – Coastal Restoration & Enhancement Through Science & Technology**

**September 16, 2009**

**9am-12pm**

**Audubon Room - Danna University Center**

**Loyola University, New Orleans, La.**

Presentations include:

P. Subudhi (LSU Ag. Center): Micro-propagation and genetic characterization of sea oats to accelerate restoration efforts

M. Bethel (UNO), Development of a Method for the Assessment and Prediction of Sustainability and Vulnerability of Ecosystem-Dependent Livelihood Bases of Coastal Communities through Integrating Traditional Ecological Knowledge (TEK) and Geospatial Technologies

K. Yeager, C. Brunner (USM): Assessing tectonic and associated drivers of subsidence and consequent impacts on coastal marshlands: the Pearl River, Louisiana

J. Campbell (USM): The role of root associated fungi in saltmarsh restoration success

A. Kolker (LUMCON): The Changing History and Impacts of Hurricanes along Louisiana's Coast and the Implications for Coastal Restoration and Revitalization

A. Nyman: (LSU Ag. Center/LSU/NMFS) Developing a tool to map coastal wetlands affected and unaffected by freshwater introductions

## **CREST PI Meeting 9/16/09**

G. Shafer (SELU): Habitat State Change and the Effects of Hurricanes Katrina and Rita on Aboveground Turnover in the Manchac/Maurepas Wetlands under Varying Restoration Scenarios

R. Caffey (LSU Ag Center)/D. Petrolia (Mississippi State U.): Economic assessment of rapid land-building technologies for coastal restoration

R. Gambrell/G.Zhang (LSU): A laboratory and field study of the application of biodegradable polymers to restoring coastal wetlands

Hester M. (ULL)/J. Willis (UNO): Restoration enhancement of black mangrove establishment in barrier island/headland project design: determination of differential tolerance thresholds of propagules and seedlings

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