

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:

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): Developing a tool to map coastal wetlands affected and unaffected by freshwater introductions

G. Shaffer, Christopher Carrell (SELU): Habitat State Change and the Effects of Hurricanes on Aboveground Turnover: 10 Herbaceous and Woody Species Under 48 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; Lauren Land, Rick Nugent presenting.

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

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

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Participants

Dr. Robert Gambrell, Louisiana State University (LSU) Coastal Studies

Lauren Land, LSU Coastal Studies

Rick Nugent, LSU Coastal Studies

Lacy Landrum, Southeastern Louisiana University (SELU)

Dr. Shirley Laska, University of New Orleans (UNO)

Lauren Alleman, University of Louisiana at Lafayette (ULL)

Dr. Mark Hester, ULL

Dr. Rob Moreau, Turtle Cover Environmental Education Center, SELU

Dr. Murty S. Kambhampti, Southern University, New Orleans (SUNO)

Dr. Rex Caffey, LSU Agricultural Center/Sea Grant

Dr. Illya Tietzel, SUNO

Dinah Maygarden, Pontchartrain Institute, UNO

Dr. Jinx Campbell, Gulf Coast Research Lab, University of Southern Mississippi (USM)

Emily Danielson, CHART, UNO

Dr. Alex Kolker, Louisiana Universities Marine Consortium (LUMCON)

Jeremy Prouhet, USM

Dr. Kevin Yeager, USM

Caz Taylor, Tulane University

Rayon Golding, SUNO

Shiyong Yu, Tulane

Albertine Kimble, Plaquemines Parish Government

Heager Egger, Pontchartrain Institute (PIES), UNO

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Holly Hebert, LUMCON

Matt Bethel, UNO

Paul Barnes, Loyola University

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Doug Daigle, CREST Program