LCA MISSISSIPPI RIVER HYDRODYNAMIC & DELTA MANAGEMENT STUDY

LCA Mississippi River Hydrodynamic & Delta Management Study

Join Us!

Public Meeting & Status Update
Wednesday, October 23, 2013

The Coastal Protection & Restoration Authority (CPRA) and the US Army Corps of Engineers (USACE) are holding a public meeting and status update on the progress of the "LCA Mississippi River Hydrodynamic and Delta Management Study" (MRHDMS).

The goal of the MRHDMS is to use Mississippi River resources (freshwater and sediment/nutrients) through natural deltaic processes to restore and sustain a healthy coastal ecosystem while maintaining a balanced river management approach.

Lindy Boggs Conference Center
University of New Orleans Research & Technology Park
New Orleans, LA

Technical Session- 12:30-5:00pm
Public Meeting/Open House- 6:30-8:00pm

Attendance is FREE!

Meeting Topics Will Include:

MRHDMS Overview:
Introduction to MRHDMS project, context within Louisiana's coastal crisis, goals, and integration into decision making processes.

Geomorphic Analysis:
Examination of Lower Mississippi River using existing data and trends; discussion of movement and distribution of water and sediment, as well as changes to the shape and depth of the river's bed and banks.

1-D Modeling:
Discussion of one-dimensional river modeling from Vicksburg to the Gulf of Mexico, which will be used evaluate long-term river channel changes, delivery of sediments, and to evaluate near-term LCA diversion projects.

Multi-Dimensional Modeling:
Simulation of river processes including hydrodynamics, salinity, and sediment transport; evaluation of localized and system-wide river and basin-side impacts.

Data Collection & Management:
Data collection, methods, and why it's needed.

Q&A:
More detailed discussion and response to audience questions.

CPRA
http://coastal.la.gov/index.cfm?md=pagebuilder&tmp=home&pid=270

USACE:
http://www.lca.gov/Projects/22/
http://www.mvn.usace.army.mil/Missions/Environmental/LouisianaCoastalArea/MississippiRiverHydrodynamicandDeltaManagemen.aspx