



Climate and Energy Decision Making

Sponsored Seminar

Dr. Jordan Fischbach

Associate Policy Researcher, RAND Corporation

Presenting on:

Applying the Coastal Louisiana Risk Assessment (CLARA)
Model to Support Louisiana's 2012 Coastal Master Plan

April 24, 2012

12 noon

(Lunch served at 11:50 am)



129 Baker Conference Room
Department of Engineering and Public Policy

Seminar Abstract: The State of Louisiana Coastal Protection and Restoration Authority (CPRA) recently finalized its 2012 Coastal Master Plan, which specifies a set of large-scale, coordinated coastal restoration and storm surge flood risk reduction projects to be implemented over the next fifty years. The plan is designed to simultaneously address the rapid and ongoing loss of Louisiana's coastal wetlands and protect coastal communities from the effects of large hurricanes. To support this effort, CPRA systematically evaluated the potential benefits from a large number of proposed restoration or risk reduction projects.

In this seminar, Dr. Jordan Fischbach will describe the decision support framework developed to address Louisiana's planning challenge, provide an overview of the CLARA model, and present results and key insights from the comparative analysis of projects for the master plan.

Speaker Bio: Dr. Jordan Fischbach is an Assoc. Policy Researcher at RAND Corporation. He has worked as a policy researcher and consultant focused on water resources and infrastructure planning, climate change adaptation, and flood risk analysis. While at RAND, Dr. Fischbach has applied methods for decision making under long-term uncertainty in a variety of contexts, including managing the Colorado River system in a changing climate and mitigating future flood risk in coastal Louisiana. His doctoral dissertation, entitled "Managing New Orleans Flood Risk in an Uncertain Future Using Non-Structural Risk Mitigation," sought to identify strategies to reduce uncertain flood risk in New Orleans over the next fifty years using local hazard mitigation. Dr. Fischbach earned a Ph.D. in Policy Analysis from the Pardee RAND Graduate School in 2010.

Carnegie Mellon University