



## **Understanding Nutrient Dynamics and Effects in Gulf of Mexico Coastal Ecosystems**

**July 12, 2007**

Hilton St. Petersburg Bayfront  
333 First Street South  
St. Petersburg, Florida 33701-4342

### **Session I: Review of Estuarine and Coastal Waters Classification Systems**

- 8:00 – 8:20 Issues and Needs for a Classification Scheme to Establish Nutrient Criteria  
*Kim Caviness, Water Quality Standards Section Chief, Mississippi Department of Environmental Quality*
- 8:20 – 8:40 CMECS: Coastal and Marine Ecological Classification Standard  
*Rebecca Allee, Habitat Program Manager, Gulf Coast Services Center, NOAA*
- 8:40 – 9:00 Definition of Waterbodies for Assessment and Management  
*Suzanne Bricker, National Centers for Coastal Ocean Science, NOAA*
- 9:00 – 9:20 Pensacola Bay Case Study  
*Janis Kurtz, Research Microbiologist, U.S. EPA Gulf Ecology Division*
- 9:20 – 9:40 Classification Schemes and Development Methodologies in West Florida and Areas with Limited Data Availability  
*Tony Janicki, President, Janicki Environmental, Inc.*
- 9:40 – 10:10 Question and answer presenters panel
- 10:10 – 10:30 Discussion of application of existing schemes to the Gulf of Mexico
- 10:30 – 10:45 Break

## **Session II: Processes to Link Cause & Effect Variables in Estuarine and Coastal Waters**

- 10:45 – 11:00 Issues and Needs for Processes to Link Cause and Effect Variables  
*Kim Caviness, Water Quality Standards Section Chief, Mississippi Department of Environmental Quality*
- 11:00 – 11:30 Tampa Bay Case Study  
*Holly Greening, Senior Scientist, Tampa Bay National Estuary Program*
- 11:30 – 12:00 Linking Nutrients with Their Effects in Mobile Bay and its Subestuaries  
*John Lehrter, Biologist, U.S. EPA Gulf Ecology Division*
- 12:00 – 1:00 Lunch
- 1:00 – 1:30 Mobile Bay Hydrodynamic and Water Quality Models  
*Tim Wool, U.S. EPA Region IV*
- 2:00 – 2:30 Discussion of application of existing processes to the Gulf of Mexico
- 2:30 – 3:00 Identify needs and priorities for future workshops for both session topics