

**DMS Seminars**  
**Fall, 2009**

August 21: DMS Student Presentations

**Moo-Joon Shim**. Nutrient transport in the east Pearl River and St. Louis Bay, MS

**Chudong Pan**. A 3 dimensional variational data assimilation system in the Monterrey Bay, CA

September 11: **Dr. Jerry Wiggert (USM)**. Seasonal evolution of phytoplankton bloom dynamics and dissolved oxygen within a coupled physical-biogeochemical model of Chesapeake Bay

September 18: DMS Student Presentations

**Allison Mojzis**. Water quality dynamics in the Bay of St Louis, MS

**Zhengzhen Zhou**. Optical properties of size fractionated dissolved organic matter in the lower Mississippi and Pearl Rivers

September 25: **Dr. Alice Ortmann (DISL)**. Archaea and their viruses in marine ecosystems

October 2: **Dr. Geoff Sinclair (LUMCON)**. Physical and chemical constraints on the near-bottom ecology of *Karenia brevis*

October 16: **Dr. Rusty Feagin (TAMU)**. Coastal wetland responses to fault-induced sea level rise: Matagorda, TX

October 23: DMS Student Presentations

**Sarah Epps**. Temporal and spatial distribution of suspended particulate matter in the northern Gulf of Mexico

**DongJoo Joung**. Distribution of trace elements in Louisiana Shelf waters

October 30: **Dr. Joe Griffitt (USM)**. Toxicology of metallic nanoparticles to aquatic and estuarine species

November 6: **Dr. Laodong Guo (USM)**. Dynamics of carbon and nutrient species in the Mississippi River, Pearl River and northern Gulf of Mexico

November 13: **Dr. Will Hou (NRL)**. Topics on underwater imaging.

November 20: DMS Student Presentations

**David Rosenfield.** Comparison of INSTANT transports with those from a regional Indonesian Seas model.

**Gopal Bera.** The delivery, speciation and fate of toxic metals in St. Louis Bay, MS.