

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