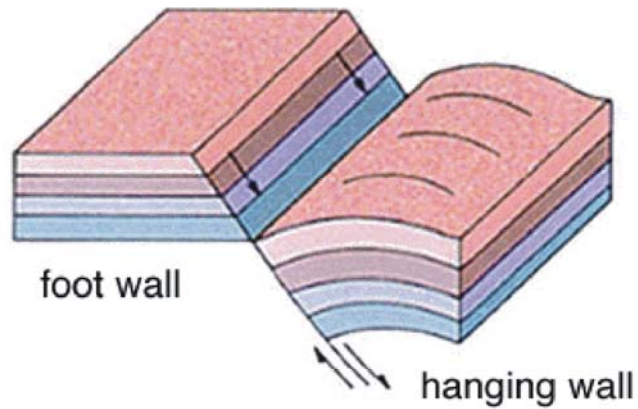


Baton Rouge Geological Society & Louisiana Geological Survey

*Fifth Annual Louisiana
Groundwater, Coastal Geology
and Subsidence- Land Loss
Symposia*



January 11 & 12, 2011

Dalton Woods Auditorium
Energy Coast & Environment Building
Louisiana State University
Baton Rouge, Louisiana

Schedule of Talks
Fifth Annual Louisiana Groundwater, Coastal Geology
and Subsidence-Land Loss Symposia
January 11-12, 2011

January 11 (Tuesday)

Groundwater

- 10:00-10:20am Callie E. Anderson and Jeffrey S. Hanor **“The St. Gabriel Salt dome as potential source of the salty waters contaminating the Baton Rouge aquifer system”**
- 10:25-10:45am Frank T.C. Tsai **“Saltwater Intrusion Simulation in the “1,500-Foot” Sand of the Baton Rouge Area: Pre-Anthropogenic Pumping, Current Situation, Future”**
- 10:50-11:10am Ahmed Elshall and Frank T.C. Tsai **“Geophysical and geostatistical approaches to subsurface characterization of the Baton Rouge area”**
- 11:15-11:35am Nima Chitsazan and Frank T.C. Tsai **“Bed boundary delineation of “1,500-foot”, “1,700-foot”, and “2,000-foot sands of the Baton Rouge area”**
- 11:40-noon Michael Simms **“Professional Geoscientist Licensing in Louisiana: Current Developments”**

Noon-1:30pm Lunch

- 1:30-1:50pm Douglas Carlson and Thomas Van Biersel **“Has Wilcox Aquifer Water Quality Changed in the Past Three Years in Response to Haynesville Hydrofracturing Activity?”**

Subsidence

- 1:55-2:15pm Juan Lorenzo **“Geophysical Characterization of a Soft-Sediment Relay Zone: Livingston Parish, Louisiana, USA”**
- 2:20-2:40pm Shen Zhixiong, Torbjorn Tornqvist, and Barbara Mauz **“Quantify fault movement in the Baton Rouge Fault Zone with numerically dated sedimentary strata”**
- 2:45-3:05 pm Kathy Hagger **“Coastal Land Loss and Landscape Level Plant Community Succession, an Expected Result of Natural Tectonic Subsidence and Fault Movement”**
- 3:05-3:20pm **Break**

January 11 (Tuesday)

Subsidence

- 3:20-3:40pm Sherwood M. Gagliano **“South Louisiana’s Twentieth Century Fault Driven Transgression”**
- 3:45-4:05pm Bryan Stephens **“Basement Controls on Subsurface Geologic Patterns and Coastal Geomorphology across the Northern Gulf of Mexico: Implications of Subsidence Studies and Coastal Restoration”**
- 4:100-4:30pm Shen Zhixiong, Torbjorn Tornqvist, and Barbara Mauz **“Rates of lithospheric flexure due to Mississippi Delta sediment loading”**

January 12 (Wednesday)

Groundwater/Water Resources

- 10:00-10:20am Sean Comisky **“Variation in sediment geochemistry and in-stream water quality across the Coulee Baton micro-watershed in Southwestern Louisiana”**
- 10:25-10:45am William Schramm **“Achievements in Site Cleanup through the Application of Multiple Remediation Technologies: An Ongoing Success Story”**
- 10:50-11:10am Mark Etienne **“Geoelectrical Resistivity Modeling of a Hydrocarbon Plume at the Lookout Release Site, St. Helena Parish, Louisiana”**
- 11:15-11:35am Jeffrey Jones **“Update on the State Water Management Plan”**