

Distinguished Lecture Series

The Spectrum of Karst: Rock, Climate, and Hydrology as Cave Controls

Featuring: **Dr. John E. Mylroie**
Professor of Geology, Mississippi State University



DATE & LOCATION

Wednesday, April 13, 2011
Southwest Research Institute
San Antonio, Texas

The lecture will run from 9:00 a.m. to 4:30 p.m.

COST

\$20 for the day; includes lunch and supporting materials. \$10 for students. Payable at the door by cash or check.

REGISTRATION

Deadline is Monday, April 11, 2011

To register, contact Elida Bocanegra at (210) 222-2204; (800) 292-1047; or ebocanegra@edwardsaquifer.org.

CO-SPONSORS

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River Systems Institute, Texas State University
National Cave and Karst Research Institute



TOPICS TO BE COVERED

Dr. John E. Mylroie will present a one-day workshop on karst classifications and explorational bias.

Discussions will focus on:

- glaciated karst: the cold end of caves and climate;
- island karst: the warm end of cave and climate;
- the Bahamas as a simplicity end member;
- the Marianas as a complexity end member; and
- the hypogene cave controversy and the primacy of hydrodynamics.

ABOUT THE PRESENTER

Dr. John E. Mylroie holds a B.S. degree in biology from Syracuse University (1971), and a PhD in geology from Rensselaer Polytechnic Institute (1977). After eight years at Murray State University in Kentucky, he joined the faculty of Mississippi State University in 1985 as head of the then Department of Geology and Geography (now known as the department of Geosciences).

He is a research associate with the Gerace Research Centre on San Salvador Island, Bahamas, and a member of the Karst Waters Institute Board of Directors (and served as the Institute's founding president in 1991). Dr. Mylroie specializes in karst processes and Quaternary climate, Quaternary carbonate depositional systems, fresh-water lens on carbonate islands, cave development and speleogenesis, and resource management in karst. His work on island karst has taken him around the world to more than 20 countries. Dr. Mylroie is the recipient of the Lifetime Science Achievement Award and the Honorary Member Award (the highest award) from the National Speleological Society. He has authored more than 200 journal articles and co-edited the book, *Cave Sediments*.