

Quinlan Participates In China Conference

James F. Quinlan, Research Geologist, Mammoth Cave NP, Kentucky, visited Guilin, China, and vicinity from Oct. 2-27, 1988, to participate in the 21st Congress of the International Association of Hydrogeologists. Theme of this Congress was Karst Hydrology and Karst Environment Protection.

Dr. Quinlan presented an invited paper, "Protocol for reliable monitoring of groundwater quality for karst terranes." He gave two additional papers at related meetings: "Problems of land use in karst terranes and methods to maximize protection of the environment," and "Methods of study of karst in Kentucky." He participated in technical sessions and field excursions to learn applications of research for solving problems of spill-response and for detecting and monitoring groundwater pollution that threaten Mammoth Cave and other national parks also in karst terranes. New techniques were learned for tracing groundwater, for interpretation of water quality data, and for design of research studies in karst terranes.

Quinlan was requested to return to China to conduct training in electromagnetic techniques for locating cave streams and low-technology techniques for tracing groundwater.