

# **ROLLA WATER RESOURCES LUNCHEON SEMINAR**

**Thursday, December 9, 2010**

**11:45 a.m. - 1:00 p.m.**

**U.S. GEOLOGICAL SURVEY  
1400 INDEPENDENCE ROAD  
ROLLA, MO 65401**

## **Water Resources in China**

**Shane Barks  
U.S. Geological Survey**

China's Bureau of Hydrology (BOH), Changjiang Water Resources Commission, established in 1950, is a government agency with the function of general water administration in the Changjiang River Basin. The Changjiang (Yangtze) River is the largest river in China and the third largest river in the world. The BOH conducts basin scale monitoring on hydrology, water quality, sediment, and river channel morphology. In August 2010 two U.S. Geological Survey (USGS) employees traveled to China to participate in the exchange of information on the hydrometry work being conducted by the respective agencies. While in China, visits were made to three Changjiang Water Resources Commission Offices and China's Ministry of Water Resources Office. Field trips were made to stream-gaging stations where instrumentation was inspected, discharge measurements were observed, and rating curves and discharge computation techniques were discussed. This presentation will cover the basic water resources in the Changjiang River Basin, the similarities and differences between hydrometry work performed by the USGS and the BOH, and a few interesting personal experiences and sights seen while traveling in China.

**Biography:** C. Shane Barks began his career with the U.S. Geological Survey in 1990 in Little Rock, AR. While in Arkansas he served as project chief of several projects, District Surface-water Specialist, and Assistant District Chief. He transferred to the USGS Missouri Water Science Center in January 2004 where he serves as Deputy Director and Chief of the Hydrologic Surveillance Section.

**---Next Luncheon---**

**Tom Harris**

## **Top 10 Meteorological and Hydrologic Events of 2010**

**Thursday, January 20, 2011 11:45 AM – 1:00 PM**

Park in the USGS south lot (free parking) and enter the visitor entrance in the southwest corner of the building. For those of you attending the meeting from outside Rolla, you can find directions to the USGS Rolla Center at: <http://mcmcweb.er.usgs.gov/>. The Rolla Water Resources Luncheon is a Brown Bag Lunch event. For those unfamiliar with the area and disinclined to brown bag it, you can find take-out options offerings among the Rolla restaurants found at: <http://mcmcweb.er.usgs.gov/rollamap09ext.pdf>