

ROLLA WATER RESOURCES LUNCHEON SEMINAR

Thursday, September 27, 2012

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

U.S. Geological Survey
1400 Independence Road
Rolla, MO 65401

Groundwater Misconceptions, General Missouri Groundwater, and Impacts of the 2012 Drought in Missouri

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From discussions with private well owners, there are many misconceptions about the source of Missouri groundwater and how groundwater flows about the State. These misunderstandings lead to many faulty conclusions when it comes to groundwater availability as was exhibited by the current drought. The USGS recognizes nine different aquifers in Missouri and the Missouri Department of Natural Resources recognizes seven different groundwater provinces and two subprovinces. The geology is somewhat different in each province and therefore each aquifer has its own distinct hydraulic characteristics causing each aquifer to respond differently to precipitation or the lack of precipitation. Water use differences throughout Missouri during the hot, dry summer also played an important factor in groundwater level responses throughout the State.

Biography: Mike is a Hydrologist with the U.S. Geological Survey, Missouri Water Science Center, in the Rolla, MO office.

---Next Luncheon---

NEED A SPEAKER!!!!!!

Thursday, October 25, 2012, 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>