

# A Water Luncheon Seminar



▶ Presented by:

The Water Management Association of Ohio  
and  
The Ohio Water Resources Center

**July 16, 2014; 11:30 a.m. - 1:00 p.m.**

Wilma H. Schiermeier Olentangy River Wetland Research Park,  
The Heffner Building, 352 Dodridge St. Columbus, OH 43202



## Ohio River Basin Climate Change Project

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The Army Corp of Engineers (USACE) Great Lakes and Ohio Valley division (LRD) along with the Huntington District (LRH) created a pilot project to analyze climate change in the Ohio Valley. In 2011 a group of agencies developed a project called Ohio River Basin Climate Change (ORBCC) project to identify what adaptations may be necessary based on hydrologic climate changes. The group included USACE, NOAA/NWS, USGS, EPA, University of New Hampshire, University of Cincinnati, Marshall University, Nature Conservancy and Battelle.

The ORBCC project has several phases. This project is scheduled to be completed with a report due out of the USACE in later 2014. The project took climate change model data of temperatures and precipitation downscaled using CMIP 3 and used it as input into the NOAA/NWS Ohio River Forecast Center (OHRFC) hydrologic river model.

Results show mean, minimum and maximum flows within the historical range through 2040 except autumn. Beyond 2040 increases occur in the mean and maximum flows of between 10 to 40%. Minimum flows decrease beyond 2070. Minimum and maximum flows exceed the historical range especially beyond 2050-2070. Autumn season experiences the greatest changes.

**Please register by July 9, 2014.** Late or on-site registrations cost \$5 extra and are not guaranteed a meal. For registered engineers who need Professional Development Hours (PDHs), this presentation offers 1 PDH.

[ ] WMAO Member (\$10) [ ] Nonmember (\$15) [ ] Student (\$7) Special meal? \_\_\_\_\_

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Please send form and check to: WMAO-Luncheon, 8440 E. Washington St. #206, Chagrin Falls OH 44023.

OR, register online with a credit card at: [www.wmao.org](http://www.wmao.org).