



Model My Watershed: A Tool for Water Resource Management

Thursday, March 9, 2017

Two-hour audio Web broadcast

Eastern: 1:00p.m.-3:00p.m.

Central: 12:00p.m.-2:00p.m.

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

Pacific: 10:00a.m.-12:00p.m.

A Watershed Academy Webcast

Join us for a Webcast on a new web-based tool called **Model My Watershed**. This tool is part of a larger web application called WikiWatershed that is being developed by the Stroud Water Research Center (see www.wikiwatershed.org). **Model My Watershed** is a user friendly, online watershed modeling Web application intended for use by citizens, conservation practitioners, municipal decision-makers, educators, students, and others. This tool enables users to:

- Analyze nationally-available landscape, climate and other datasets in their neighborhoods and watersheds;
- Model stormwater runoff and water quality impacts using professional-grade models; and
- Compare how different conservation or development scenarios could modify runoff and water quality.



Model My Watershed allows users to learn how land use and soil together determine whether rainfall infiltrates into the soil, runs off into streams, or is evaporated and transpired by plants. This Internet tool is intended to provide an easy-to-use professional-grade modeling package to inform land use decisions, support conservation practices, and enhance watershed education.

The Webcast will provide background on the tool, will demonstrate the tool, and will highlight how this tool is being used by several states and others for their total maximum daily load, nonpoint source, and municipal stormwater programs.

Webcast participants are eligible to receive a certificate for their attendance. The Webcast presentations are posted in advance at <http://www.epa.gov/watershedacademy/watershed-academy-webcast-seminars> and participants are encouraged to download them prior to the Webcast.

Expert Speakers:

Dr. Anthony Aufdenkampe, Senior Environmental Scientist, LimnoTech

Dr. Anthony Aufdenkampe serves as the project manager for **Model My Watershed** at Stroud Water Research Center which has developed www.wikiwatershed.org tools. He is now also working at LimnoTech in Oakdale, MN on other environmental projects.

Dr. Barry M. Evans, Senior Research Associate, Penn State University and Adjunct Faculty member at Stroud Water Research Center

Dr. Barry Evans is the author of the (MapShed) model that has been incorporated into the **Model My Watershed** online tool.

Bill Brown, Chief, TMDL Development Section, Pennsylvania Department of Environmental Protection

Bill Brown manages PA's Total Maximum Daily Load Program and will explain how MapShed and the more recent **Model My Watershed** online tool has been used to support watershed analyses in PA for the past 10 years.

Registration:

You must register in advance to attend this Webcast. Register at the Watershed Academy Webcast Website at: <http://www.epa.gov/watershedacademy/watershed-academy-webcast-seminars>.

The Watershed Academy:

The Watershed Academy is a focal point in EPA's Office of Water for providing training and information on implementing watershed approaches. The Academy self-paced training modules and webcast seminars provide current information from national experts across a broad range of watershed topics. For more information, please visit www.epa.gov/watershedacademy.

Questions? Please contact Erin Ress at erin.ress@tetrattech.com.

The materials in this Webcast have been reviewed by EPA staff for technical accuracy. However, the views of the speakers and the speakers organizations are their own and do not necessarily reflect those of EPA. Mention of commercial enterprises, products, or publications does not mean that EPA endorses them.