

Water Quality Modeling Basics and Beyond

About the Water Quality Modeling Basics and Beyond Webinar Series

EPA's Water Modeling Workgroup is hosting a series of webinars to help water quality professionals better understand surface water quality modeling and how models can be used to solve common problems that face water quality regulators. The webinars are focused on modeling as it applies to the Total Maximum Daily Load (TMDL), Standards, and Water Quality Permitting Programs, but they are applicable to a wide range of audiences. These two hour webinars cover everything from modeling basics (e.g., model setup and calibration) to applied water quality modeling of different pollutants. Webinars are recorded and archived on EPA's website at <http://www.epa.gov/tmdl/tmdl-modeling>.

Introduction to WASP

The Water Quality Simulation Program (WASP) Model is one of the most widely used water quality models in the United States and throughout the world. This watershed modeling application is intended for use by citizens, conservation practitioners, municipal decision-makers, educators, students, and others. WASP enables users to interpret and predict water quality responses to natural phenomena and manmade pollution for various pollution management decisions. Because of the models capabilities of handling multiple pollutant types it has been widely applied in the development of TMDLs. WASP has capabilities of linking with hydrodynamic and watershed models which allows for multi-year analysis under varying meteorological and environmental conditions. 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 TMDL, nonpoint source, and municipal stormwater programs.

Speaker: Tim Wool (U.S. Environmental Protection Agency)

Wednesday July 12, 2017

Eastern: 1–3 pm | Central: 12–2 pm | Mountain: 11–1 pm | Pacific: 10 am–12 pm | Alaska: 9 am–11 am

Sponsored By: EPA Water Modeling Workgroup

Target Audience

The target audience is Clean Water Act (CWA) water quality regulators in programs such as TMDLs, monitoring, wetlands, standards, nonpoint sources, permitting, and assessment. The Webinar content assumes that audience members have an understanding of basic hydrology and water quality principles. The Webinars are open to everyone and will be relevant to anyone conducting water quality investigations.

Registration: You must register in advance to participate in this free Webcast. Please register at: <https://register.gotowebinar.com/register/1085780210229927426>. For more information contact Jason Gildea (Gildea.Jason@epa.gov). Please be sure to [view system requirements](#) prior to the webcast.

The materials in this Webcast have been reviewed by EPA staff for technical accuracy. However, the views of the speakers and the speaker's organization are their own and do not necessarily reflect those of EPA. Mention of any commercial enterprise, product, or publication does not mean that EPA endorses them.