

Water Quality Modeling Basics and Beyond

About the Water Quality Modeling Basics and Beyond Webinar Series

EPA formed the Water Quality Modeling Workgroup in 2013 to facilitate collaboration among EPA and state employees who are using water quality models for CWA regulatory purposes, primarily in the Total Maximum Daily Load (TMDL) and Water Quality Standards programs. The group is hosting a series of six 2-hour Webinars in 2015 to help water quality professionals better understand modeling and how models can be used to solve the problems facing water quality regulators. The first three webinars cover modeling basics, such as selecting, developing, and running hydrology and water quality models. The last three webinars will be focused on modeling specific pollutants (e.g., nutrients, sediment, metals) and other emerging issues.

Brick by Brick : How Water Quality Models are Developed

This second webinar in the series focuses on the planning and development of a water quality model. Participants will be introduced to the key steps in the model-building process, including Quality Assurance Project Plans (QAPPs), model selection, model setup, calibration, error/uncertainty evaluation, and model acceptance for decision-making.

Speakers: Ben Cope and Dino Marshalonis (EPA Region 10)

April 23, 2015

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 Quality 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://attendee.gotowebinar.com/register/6454716361752557314>. For more Information contact Jason Gildea (gildea.jason@epa.gov). *Note: We are trying a different webcast platform which will hopefully eliminate some of the connectivity issues reported during the first webcast. 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.