



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 covered 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.

Modeling Nutrients: Nutrient Cycles, Potential Impacts on Water Quality, and Developing Nutrient Endpoints

This webinar will present information related to nutrient modeling and will include topics such as nutrient cycling, common nutrient related problems (e.g, eutrophication, low D.O., fish kills, and algae blooms), and critical parameters and driving processes. Speakers will also discuss developing nutrient-sensitive endpoints for nutrient modeling.

Speakers: *Tim Wool (EPA Region 4), Steve Whitlock (EPA Headquarters), and Lester Yuan (EPA Headquarters)*

September 3, 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/5004787082299035905>. For more information contact Jason Gildea (gildea.jason@epa.gov). Please be sure to [view system requirements](#) prior to the webcast.

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