

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 will 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.

Water Quality Models 101—What Are These Things?

The first of a series of six, this webinar will explain the role of models in water quality investigations and introduce participants to basic modeling concepts. Presenters will also discuss the different types of available models and how to select an appropriate model for a given water quality problem.

Speakers: Jason Gildea (EPA Region 8) and Taimur Shaikh (EPA Region 6)

March 26, 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://epa.connectsolutions.com/waterqualitymodel1/event/event_info.html. For more information contact Jason Gildea (gildea.jason@epa.gov). *Note: Your computer must have the capability of playing sound to participate in this webinar.*

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