



Water Quality Modeling Basics and Beyond

About the Water Quality Modeling Basics and Beyond Webinar Series

EPA's Water Quality 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 <https://www.epa.gov/waterdata/surface-water-quality-modeling-training>.

Introduction to BASINS

This webinar will provide an overview of the use and functionality of the EPA Better Assessment Science Integrating Point and Non-point Sources (BASINS) geographical information and data management software. BASINS is public domain GIS tool that was developed to assemble spatial and temporal data which can be used for watershed assessment or watershed/water quality modeling applications. BASINS itself is not a model but a series of tools and utility plugins that allows for the gathering and analysis of geospatial and temporal data from several data sources. BASINS also has several watershed and water quality model plugin tools that aid the user in applying the model.

Presentation Speakers: EPA Region 4 Water Quality Modeling Team (Tim Wool, Glenn Fernandez, John Davis, Catherine York)

February 18, 2021

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://forms.office.com/Pages/ResponsePage.aspx?id=uuQPpMer_kiHkrQ4iZNkAPxxct66VO1ApoDjy_JwjstUMFc4RThBODdNVTE2R1NNVUY1MIgzM1NQWC4u

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.