

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 <http://www.epa.gov/tmdl/tmdl-modeling>.

Sediment Modeling Part I

This webinar will introduce the topic of sediment-describing processes and models developed by various federal and state agencies and universities that address erosion and sedimentation issues at field, channel and watershed scales. The application of these models can help in developing effective watershed management plans that are critical to efficiently implementing conservation practices. These models incorporate climate, runoff, and erosion simulation components typically used to evaluate the effect of management practices on erosion from multiple sources within a watershed. A discussion of erosion modeling objectives will highlight when models are applicable to solve various management problems.

Speaker: Dr. Ron Bingner (USDA Agricultural Research Service)

January 12, 2016

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/1737670746697429505>. 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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