



Nitrogen and Phosphorus Pollution and Harmful Algal Blooms in Lakes

The Watershed Academy



Wednesday, Jan. 26, 2011

Two-hour audio Web broadcast

Eastern: 1:00p.m.–3:00p.m.

Central: 12:00p.m.–2:00p.m.

Mountain: 11:00a.m.–1:00p.m.

Pacific: 10:00a.m.–12:00p.m.

A Watershed Academy Webcast

Join us for a webcast titled “Nitrogen and Phosphorus Pollution and Harmful Algal Blooms in Lakes.” This webcast will highlight an emerging issue of nutrient enrichment leading to harmful algal blooms in lakes. The webcast will explain the connection between nutrients and harmful algal blooms such as blue green algal blooms. These algal blooms are causing loss of recreational uses including fishing, swimming and in some cases are resulting in increasing costs for drinking water treatment. The webcast will provide an overview of the issue and will present case studies on Grand Lake St. Mary’s in Ohio and Lake Waco in Texas. This Webcast is a first in a series of Watershed Academy Webcasts on the important issue of nutrients and their impact on water resources.

Webcast presentations are posted in advance at www.epa.gov/watershedwebcasts and participants are encouraged to download them prior to the webcast.

Instructors:

Ken Wagner, *Water Resource Manager, Water Resources LLC, Wilbraham, MA*

Ken Wagner holds a PhD in Water Resource Management from Cornell University and has over 25 years of continuous experience as an environmental consultant, working mainly on lake and watershed management issues. Ken is a former President of the North American Lake Management Society and the current Editor in Chief of *Lake and Reservoir Management*, a peer-reviewed journal. Ken has been involved in nutrient impact assessment and management all over the United States.



Russ Gibson, *Nonpoint Source Program Manager, Ohio Environmental Protection Agency*

Russ Gibson has served as the Nonpoint Source Program Manager for the Division of Surface Water within the Ohio EPA for 6 years. Russ’ prior experience includes more than 22 years with the Ohio DNR in a variety of positions. He has extensive experience in program development and evaluation, strategic planning and organizational design. His current responsibilities required a complete restructuring of Ohio’s NPS Management Program and ongoing process improvements for the Ohio EPA’s Section 319 Implementation Grants Program. In 2010, he closely coordinated the development and implementation of Ohio EPA’s new Surface Water Improvement Fund grants program. Mr. Gibson has a bachelor’s degree in natural resources management from Ohio State University as well as considerable graduate study in Public Administration.



Joe Piotrowski, Senior Advisor, U.S. Environmental Protection Agency’s Office of Wetlands, Oceans and Watersheds, and EPA’s representative to the Gulf of Mexico Hypoxia Task Force Coordinating Committee, will provide a brief introduction to the important national issue of nutrients and water quality.

The Watershed Academy

The Watershed Academy is a focal point in EPA’s Office of Water for providing training and information on implementing watershed approaches. The Academy sponsors live classroom training and online distance learning modules through the Watershed Academy Web at www.epa.gov/watertrain. For more information, visit www.epa.gov/watershedacademy.

Registration

You must register in advance to attend this webcast. Register at the Watershed Academy webcast website at www.epa.gov/watershedwebcasts. Note: Your computer must have the capability of playing sound in order to attend this webcast. To view archived webcasts, go to www.epa.gov/owow/watershed/wacademy/webcasts/archives.html

Questions? Please contact Amber Marriott at amber.marriott@tetrattech.com.

The materials in this Webcast have been reviewed by EPA staff for technical accuracy. However, the views of the speakers and the speakers organizations are their own and do not necessarily reflect those of EPA. Mention of commercial enterprises, products, or publications does not mean that EPA endorses them.

