



National Lakes Assessment: Reporting on the Condition of the Nation's Lakes

The Watershed Academy



Tuesday, January 5, 2010

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 to learn about the first-ever assessment of the condition of the nation's lakes. This draft report, the *National Lakes Assessment: A Collaborative Survey of the Nation's Lakes*, is available for public review and comment at: www.epa.gov/lakessurvey. The report shows that 56% of the nation's lakes support healthy biological communities. The report also identifies poor lakeshore habitat conditions and high levels of nutrients as widespread stressors impacting lake water quality in the United States.

Tune into this Webcast to learn more about the *National Lakes Assessment* (NLA), which is the latest in a series of surveys of the nation's aquatic resources being conducted by EPA and its state and tribal partners. The NLA provides unbiased estimates of the condition of natural and man-made freshwater lakes, ponds and reservoirs greater than 10 acres and at least one meter deep. Using a statistical survey design, 1,028 lakes were selected at random to represent the condition of the larger population of lakes across the lower 48 states. The NLA presents data on the extent of lakes that support healthy biological communities, selected stressors impacting lake quality, and information on recreational indicators of lake condition such as microcystin, an algal toxin which can harm humans, pets, and wildlife. The NLA also reports on lake trophic status and includes comparisons of current data to 1972 data on wastewater-impacted lakes.

Webcast participants are eligible to receive a certificate for their attendance. The Webcast presentations are posted in advance at www.epa.gov/watershedwebcasts and participants are encouraged to download them prior to the Webcast.



Instructors:

Sarah Lehmann, Team Leader for National Aquatic Resource Surveys, Monitoring Branch, U.S. EPA's Office of Water



Sarah Lehmann serves as Team Leader for the National Aquatic Resource Surveys in U.S. EPA's Monitoring Branch. In this role, she provides leadership for each of the national surveys including lakes, rivers and streams, coastal waters, and wetlands. Prior to this, Sarah worked in EPA's Region 5 office in Chicago as the Regional Monitoring Coordinator. She worked with states and tribes in the development and implementation of monitoring and assessment strategies and served as the regional contact for the national surveys. Sarah has a master's degree in political science from American University and a bachelor's degree in Politics and Government; and German from Ripon College.

Neil C. Kamman, Chief, Water Quality Monitoring, Assessment and Planning, Vermont Department of Environmental Conservation

Neil Kamman is a water quality monitoring and assessment specialist with considerable expertise in limnology. He holds a B.S. in forestry, and an M.S. in water resources, both from the University of Vermont. He oversees Vermont's Water Quality Monitoring, Assessment and Planning Program in the Vermont Department of Environmental Conservation. Neil has authored numerous peer-reviewed research publications regarding mercury in the northeast North American environment and studies the impacts of development on the ecological integrity of northeastern waterways. Neil recently completed a 15-month detail assignment to the U.S. EPA to manage the analysis and reporting of the National Lakes Assessment.



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 Web site 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.

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