State Inland HAB Discussion Group
Webinar: New Federal Efforts on HABs and Cyanotoxins

Date	December 10, 2014
Time	11:00 am – 1:00 pm Eastern Time
Organizers	Lorrie Backer, CDC, NCEH Lesley V. D'Anglada, USEPA, OW, OST Keith Loftin, USGS, KWSC
Audio and Log-in Information	https://epa.connectsolutions.com/habs/ For audio: you have the option to listen to the audio portion of the webinar using computer audio (VoIP or Voice over Internet Protocol), or, alternatively, by calling in using your telephone. **Computer Audio** You can choose to receive the audio via your computer along with the visual portion of the presentation. You need a computer with sound capability and speakers or headphones so you can hear the audio. Check your computer volume controls to make sure audio is not muted. We recommend a microphone so you can ask questions and fully participate in any discussion. If you don't have a microphone The quality of your audio connection can vary depending on your Internet connection. Therefore, there may be some instances in which you may experience intermittent audio. If you have trouble hearing the audio on your computer, call in to the conference call via your telephone. **Telephone** Dial in Number: 888-603-9817; Participant Pass Code: 15510

Time	Topic	Presenters
11:05-11:20	Updates	Lorrie Backer, CDC Lesley V. D'Anglada, U.S. EPA Keith Loftin, USGS
11:20–11:45	A field and microscopic guide to harmful algal blooms that may be of concern to Native American communities	Barry Rosen, PhD. Florida Integrated Science Center USGS
11:45-12:10	Building Surveillance Capacity for Illnesses and Outbreaks Associated With Harmful Algal Blooms	Virginia Roberts, MSPH National Center for Emerging and Zoonotic Infectious Diseases CDC
12:10-12:35	Expanding NOAA's ability to monitor and predict HAB events in western Lake Erie	Timothy Davis, Ph.D. Great Lakes Environmental Research Laboratory NOAA
12:35-1:00	Great Lakes Restoration Efforts to address HABs in the Great Lakes	Paul Horvartin, MS U.S. EPA Great Lakes National Program Office U.S. EPA
1:00pm	Adjourn	

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PRESENTERS BIO

Barry H. Rosen received a Ph. D. in biology from the Bowling Green State University, with a focus on the effects of nutrients and light on phytoplankton growth and associated physiological response. He has worked in the field of algae for 40 years, with emphasis on understanding the ecophysiology of organisms in a variety of habitats, especially harmful algal blooms. He has worked for the U.S. Geological Survey's Southeastern Region since 2006 and wants to expand his research on cyanobacteria by providing technical assistance to tribal governments that may have a concern about HABs in their waters.
Email: brosen@usgs.gov

Virginia Roberts is an Epidemiologist in the Waterborne Disease Prevention Branch at the CDC. As part of the Domestic Water, Sanitation, and Hygiene (WASH) Epidemiology Team, she collaborates with state, territorial, and federal partners on waterborne disease outbreak surveillance, reporting, and prevention activities. She manages the waterborne disease outbreak reporting module of the National Outbreak Reporting System (NORS) and coordinates a Great Lakes Restoration Initiative project to improve waterborne disease prevention capacity in Great Lakes states. Virginia is the Branch representative for the Environmental Health Specialists Network (EHS-Net), a collaborative forum of local, state, and federal environmental health specialists whose mission is to improve environmental health practice. She received a joint MSPH in environmental and occupational health and epidemiology from the Emory University Rollins School of Public Health.
Email: evl1@cdc.gov

Timothy Davis is a harmful algal bloom researcher with NOAA's Great Lakes Environmental Research Laboratory. He has spent the last ten years studying the ecology of these events in lakes throughout the Northeast USA and Australia. His current research focusses on the blooms that occur in the Great Lakes, primarily Lake Erie. He uses advanced genetic techniques to further understand the ecology of the organisms responsible for the blooms and works with a team of NOAA scientists to forecast the size, frequency and toxicity of HAB events within the Great Lakes and other large lakes around the world.
Email: timothy.davis@noaa.gov

Paul Horvartin is the Monitoring, Indicators, and Reporting Branch Chief for the U.S. EPA Great Lakes National Program Office. Paul has been with the EPA for over 30 years. He received his MS from the University of Illinois-Urbana in Environmental Engineering and his BS from University of Illinois-Urbana in Biology. Paul is responsible for indicator development and monitoring programs for USEPA in the Great Lakes including: open lakes monitoring, Integrated Atmospheric Deposition Network (IADN), contaminated fish monitoring, biological monitoring (phytoplankton, zooplankton and benthic), Research Vessel Lake Guardian management, and health and safety management for GLNPO. He is also the U.S. Co-Chair for the Great Lakes Indicators Task Team under Annex 10 of the Great Lakes Water Quality Agreement. Paul has served as project manager and project officer for numerous EPA programs.