

State Inland HAB Discussion Group
Webinar: New Research on Monitoring and Detection of Cyanobacteria and Cyanotoxins

Date	January 14, 2014
Time	11 am - 1 pm Eastern Time
Organizers	Lesley (Vazquez-Coriano) D' Anglada, USEPA, OW, OST Lorrie Backer, CDC, NCEH Keith Loftin, USGS, KWSC
Log-in Information	https://epa.connectsolutions.com/r83dk6dtm4t/ For audio: 1-866-299-3188 Participant Code: 2025661125#

Discussion Items

Time	Topic	Presenters
11:05-11:30	Updates	Lesley V. D' Anglada, EPA Lorrie Backer, CDC Keith Loftin, USGS
11:30-12:00	Phytoplankton Monitoring Research Network	Steve Morton NOAA
12:00-12:30	Remote Sensing for Inland HABs, Lessons Learned	Rick Stumpf NOAA
12:30-1:00	qPCR for cyanotoxins - USGS Ohio Water Science Center	Donna Francy Erin Stelzer USGS
1:00pm	Adjourn	

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PRESENTERS

Dr. Steve Morton is a Research Oceanographer at the National Ocean Service, at National Oceanic and Atmospheric Administration. His research focus is on the environmental factors that may influence toxin production and the culture and taxonomic identification of new species of toxin producing algae and the determination of new bioactive compounds. Dr. Morton attended Southern Illinois University, where he received his Ph.D. in philosophy in 1984.

Email: steve.morton@noaa.gov

Dr. Richard P. Stumpf is an Oceanographer at NOAA. Dr. Stumpf leads NOAA's effort to develop Forecasts of Harmful Algae and has many years of experience in the application of remote sensing to solve coastal issues, including methods applicable to lakes and estuaries. Dr. Stumpf has a bachelor degree in Environmental Science from the University of Virginia and a Masters and Ph.D on Marines Studies from the University of Delaware.

Email: richard.stumpf@noaa.gov

Donna Francy, M.S. is a Hydrologist, Water-Quality Specialist and Manager of the USGS Ohio Water Microbiology Laboratory in Columbus, Ohio. Donna has a bachelor degree in Biology from Indiana University and a Masters in Environmental Science from Rice University. **Erin Stelzer** is a Hydrologist and General Lab Analyst working on molecular and virus methods, and microbial source tracking.

Email: dsfrancy@usgs.gov; eastelzer@usgs.gov