State Inland HAB Discussion Group
Webinar: Control and Mitigation of Cyanobacteria and Cyanotoxins

Date	April 25, 2013
Time	11 am - 1 pm Eastern Time
Organizers	Lesley Vazquez-Coriano, USEPA, OW, OST Lorrie Backer, CDC, NCEH Keith Loftin, USGS, KWSC
Attendees	State and NGO Inland HAB discussion group members
Meeting Objective	Information sharing

Discussion Items

Time	Topic	Presenter
11:05-11:30	Control and Mitigation of Cyanobacteria and Cyanotoxins	Kevin G. Sellner, Ph.D. Executive Director Chesapeake Research Consortium
11:35–12:00	Advanced Oxidation Processes for the Destruction and Detoxification of Cyanotoxins	Kevin E. O'Shea, Ph.D. Department of Chemistry and Biochemistry Florida International University
12:05-12:30	Lake Management from the Lake's Perspective: What P does a lake see and how does P control HABs?	Harry Gibbons, Ph.D. Lake Restoration and Water Quality Lead, Surface Water Group Tetra Tech
12:35-1:00	Analyzing bodies of water for HABs and sources of phosphorus in watersheds via satellite	Mr. Milt Baker, M.S. Blue Water Satellite Inc,
1:00pm	Adjourn	

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PRESENTERS

Dr. Kevin G. Sellner, is the Executive Director of the Chesapeake Research Consortium, which primary role is to encourage active research programs across the six Consortium member institutions and their extended partners. Kevin is a plankton ecologist, with a primary focus on harmful algal blooms. He is also a visiting Professor, at the University of Maryland, a research associate at the Smithsonian Environmental Research Center and the Executive Secretary of the Chesapeake Bay Program's Scientific & Technical Advisory Committee (STAC).

Dr. Kevin O'Shea is Professor of Chemistry and Biochemistry and the Senior Associate Dean of the University Graduate School at Florida International University. He graduated from California State University and earned a Ph.D. in Chemistry from University of California, Los Angeles. His current research interests are focused in the area of the reactions of reactive oxygen species with organic compounds of biological importance and/or environmental significance. Kevin's research projects have been funded from a variety of agencies, including the National Science Foundation, the National Institutes of Health, Petroleum Research Fund, Dreyfus foundation, and the US Environmental Protection Agency. He has published around 70 peer-reviewed articles and book chapters in the research areas of organic and environmental chemistry.

Dr. Harry Gibbons graduated from Gonzaga University in biology and earned his MSEE and Ph.D. in limnology from Washington State University. Harry has serve as research graduate faculty at both Portland State University and Washington State University. His first direct experience with lake management started in 1974 with a non-point loading and in-lake alum treatment. He joined Tetra Tech, Inc in 1985 and currently is discipline lead for lake and reservoir restoration and water quality management. Harry is a Past-President of Nalms (2009) and has been a member since its beginning. He has planned, designed, and implemented lake and watershed management and aquatic invasive species management programs across the US for over 300 different lakes and watersheds.

Mr. Milt Baker is currently CEO and co-founder of Blue Water Satellite Inc, a high technology satellite remote sensing company that monitors water and land resources using satellite imagery and proprietary image processing algorithms. Prior to co-founding Blue Water Satellite, Mr. Baker was a Corporate Vice President at Motorola Inc., where he was responsible for multiple Motorola business units with major customers worldwide. Mr. Baker holds BS degree in Electrical Engineering from Lehigh University and an MS in Management from Massachusetts Institute of Technology.