

Inland HABs Discussion Group Webinar: Toxin Monitoring

Date / Time	February 14 th , 2017 // 1:00 pm – 3:00 pm (Eastern Time)	
Organizers	Lorrie Backer, CDC, NCEH // Lesley V. D’Anglada, USEPA, OW, OST // Keith Loftin, USGS, KWSC	
Host	Mario Sengco, USEPA, OW, OST	
Audio and Log-in Information	https://epawebconferencing.acms.com/habs1/ 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. Call-In Number: (866) 299-3188 Conference Code: 2025661125#	
Time	Topic	Presenters
11:00-11:15	Updates from CDC and USGS	Lorrie Backer, CDC Keith Loftin, USGS
1:15 – 2:30	Solid Phase Adsorption Toxin Tracking (SPATT)	Meredith Howard, SCCWRP Raphe Kudela, UCSC
2:30 - 3:00	2:30 pm - The Cyanobacteria Monitoring Collaborative – An approach to educating, monitoring, and managing freshwater HABs	Hilary Snook, USEPA
3:00 pm	Adjourn	

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Webinar: Toxin Monitoring

PRESENTERS BIO

Dr. Meredith Howard is a biological oceanographer in the Biogeochemistry Department at the Southern California Coastal Water Research Project, a research institute formed by the leading water quality agencies in California to ensure a solid scientific foundation for their management decisions. She received her B.A. in Finance from Lehigh University in 1995, B.S. in Biology from Rutgers University in 2001 and Ph.D. in Ocean Science from the University of California, Santa Cruz in 2007. Her current research falls into three areas: 1) examining the environmental factors that influence phytoplankton blooms and HABs, 2) understanding factors and processes controlling biological response to anthropogenic nutrient loading, and 3) determining the extent of cyanobacteria and toxin production in coastal waterbodies, particularly from freshwater to marine systems. E-mail: meredithh@sccwrp.org; Phone: 714-755-3263

Dr. Raphael Kudela is a Professor in the Ocean Sciences Department and Ida Benson Lynn Chair of Ocean Health at University of California Santa Cruz. He is a phytoplankton ecologist specializing in ecophysiology, bio-optics and remote sensing. Recent relevant projects include a NOAA ECOHAB Regional Project focusing on bloom initiation for the toxic diatom *Pseudo-nitzschia*, red tide prediction using remote sensing and modeling in the Sea of Oman, and a recently started NOAA MERHAB project exploring linkages between coastal watersheds and the nearshore ocean. Kudela served as the Chair of the Global Ecology and Oceanography of Harmful Algal Blooms (GEOHAB) Programme, and is co-Chair of the US National HAB Committee. E-mail: kudela@ucsc.edu; Phone: 831-459-3290

Hilary Snook is an EPA project manager for large regional water quality and ecological monitoring projects out of EPA's New England regional laboratory. Hilary regionally coordinates national aquatic surveys from Office of Water and has worked on water quality and biological monitoring for MADEP office of watershed management, and designed and implemented the biological monitoring program for NHDES. He has spent the last 20 plus years working on water quality and ecological condition assessment projects. He has a B.S. from Montana State University and a Master's in Civil and Environmental Engineering from Tufts University. Email: snook.hilary@epa.gov; Phone: 617-918-8670.