


Water Research Webinar Series

A bimonthly webinar series focused on EPA's water research

Health Effects Associated with Harmful Algal Blooms and Algal Toxins

Wednesday, October 28, 2020 from 2:00 to 3:00 pm ET

Registration: attendee.gotowebinar.com/register/3121585389665253135



A certificate of attendance will be offered for this webinar

Some, but not all, types of harmful algal blooms (HABs) are overgrowths of toxin-producing algae in fresh or marine waters that can adversely affect human and animal health and local economies. Cyanobacteria (also known as blue-green algae) are a type of bacteria that exhibit characteristics of algae and can form these HABs.

Cyanobacteria HABs (CyHABs or CyanoHABs) typically occur in nutrient rich, warm surface water bodies and can produce potent toxins. Occurrence of CyHABs is increasing globally, and blooms are accompanied by sporadic reports of human and animal illnesses and deaths. This webinar will summarize the state of the science and describe how a One Health approach to CyHABs can inform human health risks.

About the Presenter:

Elizabeth D. Hilborn, DVM, MPH, DACVPM



For over 20 years, Dr. Hilborn has worked as an environmental health scientist and epidemiologist with EPA's Office of Research and Development (ORD). She is currently with

ORD's Center for Public Health and Environmental Assessment where her research focuses on emerging infections and the health effects of environmental and waterborne contaminants, such as toxic cyanobacteria. Dr. Hilborn earned a B.S. in biology from the University of North Carolina at Chapel Hill and a Doctorate in Veterinary Medicine at North Carolina State University. She also completed her Master of Public Health at the University of North Carolina at Chapel Hill and served as a Fellow in the Centers for Disease Control and Prevention's Epidemic Intelligence Service. Dr. Hilborn is Board Certified in the American College of Veterinary Preventive Medicine.

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