



4th Annual Virtual Harmful Algal Bloom Symposium

January 4, 2024

THURSDAY, JANUARY 4, 2024

SESSION ONE: Harmful Algal Bloom Prediction, Monitoring and Treatment	
9:00 – 9:15am CT	Opening Comments and Introductions
9:15 – 9:35am CT	Evaluation of Nanobubble Ozone Technology (NBOT) for Cyanobacterial HAB Control <i>Heather Raymond, Water Quality Initiative Director, The Ohio State University's College of Food, Agriculture and Environmental Sciences</i>
9:35-9:45am CT	Q&A
9:45 – 10:05am CT	Employing Remote Sensing Techniques to Understand Seasonal Changes in Water Quality <i>Spencer Williams, PhD Student in the Department of Earth Sciences, Kent State University</i>
10:05-10:15am CT	Q&A
10:15-10:30am CT	BREAK
10:30 – 10:50am CT	Using Solar Photocatalytic Composites to Remove Microcystin-LR in Water <i>Zhenhao Guan, Senior Research Assistant, Arif Rahman, Research Scientist, and Rafiq Islam, Soil and Bioenergy Program Leader, The Ohio State University South Centers</i>
10:50 – 11:00am CT	Q&A
11:00 – 11:30am CT	Special Feedback Session: Understanding Stakeholder Needs on Freshwater Acidification and Harmful Algal Blooms: Concerns, Priorities, and Intersections <i>Liz Perotti, Education and Outreach Coordinator and Natlie Lord, Capacity Building and Stakeholder Engagement Fellow, NOAA Ocean Acidification Program</i>

SESSION TWO: Harmful Algal Bloom Outreach and Communication	
12:30 – 12:40pm CT	Opening Comments and Introductions
12:40 – 1:00pm CT	Harmful Algal Blooms in Iowa: A Multifaceted Approach to Understanding and Mitigating Risks <i>Lyndy Holdt, Environmental Steward, Green Iowa AmeriCorps, Iowa Lakeside Laboratory</i>
1:00 – 1:10pm CT	Q&A
1:10 – 1:30pm CT	Wisconsin Harmful Algal Bloom Surveillance Program and Public Health <i>Jordan Murray, Wisconsin Water Resources Science-Policy Fellow at the Wisconsin Department of Health Services</i>
1:30 – 1:40pm CT	Q&A
1:40 – 1:45pm CT	Closing Comments and Adjourn

The Algal Bloom Action Team is a collaboration of water professionals, researchers, and educators from the national network of Water Resources Research Institutes, the North Central Region Water Network, and Cooperative Extensions from the 12 states in the North Central Region of the United States. More information at northcentralwater.org/habs.