

OHIO SEA GRANT SERIES

Harmful Algal Blooms in Lake Erie: 2012 Forecast

Thursday, July 5, 2012

July 5, 2012

2:00 – 4:00pm ET

Contact [Jill Jentes Banicki](#)
with any questions.

Lake Erie became the poster child for pollution problems when the Cuyahoga River burned in 1969. The Lake was choked with harmful algal blooms (HABs), but by improving sewage treatment and agricultural practices, phosphorus inputs were reduced by almost 2/3 and Lake Erie became the Walleye Capital of the World. In the mid-90s dissolved phosphorus concentrations started to increase, HABs returned in 2002, and the size of the annual bloom has increased ever since. This webinar will provide information about:

- The long history of HABs in Lake Erie
- Why Lake Erie has worse HABs than the other Great Lakes
- The causes of HABs and what we need to do to prevent them
- The severity, extent, and impacts of HABs
- A model to predict the severity of future HABs, including this year's HAB

The webinar is free, but you must pre-register by Wednesday, July 4. To register [click here](#). Once registered, you will receive a confirmation email with log-in information.

Webinar Speakers and Topics (15 minutes each followed by questions)

▸ **Understanding Lake Erie and Its History of Susceptibility to HABs**

Dr. Jeff Reutter, Director, Ohio Sea Grant & Stone Lab, Ohio State University

▸ **The Algae of Lake Erie and HABs 2002-2012**

Dr. Tom Bridgeman, University of Toledo

▸ **Understanding Phosphorus Loading to Lake Erie**

Dr. Pete Richards, Senior Research Scientist, National Center for Water Quality Research, Heidelberg University

▸ **Forecasting HABs and the 2012 HAB Forecast for Lake Erie**

Dr. Richard Stumpf, HAB Coordinator and Oceanographer, NOAA/NCCOS

Dr. Mark Monaco, Center Director, NOAA's National Centers for Coastal Ocean Science

▸ **Question/Answer and Wrap Up**

▸ **Discussion**

Participants will have the opportunity to ask questions via a live chat after the presentation.



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