



Harmful Algal Blooms in the Lower Great Lakes Conferences
July 17, 2013 - Buffalo, NY
July 18, 2013 - Auburn, NY
8:30-3:30

Organized by NY Sea Grant
Sponsored by the Research Foundation of SUNY



Photo Courtesy of Ohio Sea Grant

Greetings and hope that you are enjoying the summer! As a concerned Lake Ontario or Lake Erie stakeholder, you are no doubt aware that HABs or harmful algal blooms are serious threats to our cherished Great Lakes. Unfortunately, HABs are becoming more widespread and more frequent in recent years all over the world. Toxic byproducts from some of these algae occasionally reach high enough levels as to pose risks to recreational water use, drinking water and human health--often resulting in serious economic consequences to coastal communities. Although harmful algae species are a normal part of the ecology of the lake, changes in such things as nutrient inputs and weather can trigger the blooms.

You are cordially invited to attend a conference on HABs in the Lower Great Lakes with a group of diverse stakeholders. On our agenda, we are very fortunate to feature presentations given by four of the leading authorities on HABs. These experts include Dr. Greg Boyer (SUNY ESF), Dr. Chris Gobler (SUNY Stony Brook), Dr. Jim Hyde (NYS Department of Health) and Scott Kishbaugh (NYS Dept. of Environmental Conservation). The presentations are on a broad range of topics including history of HABs, what they are, what they look like, how they form, HAB toxins (and potential effects on humans and fisheries), blooms, how to detect (or predict) HABs in our waters, how to manage and monitor them and why they are increasing. Refreshments and lunch will be provided. These workshops are funded by a grant from the Research Foundation of NY.

Please take advantage of this unique opportunity and register today. If you are interested in attending one of the conferences, please contact Sharon Mullen by email: slm22@cornell.edu or by phone at (315) 312-3042. Please indicate which workshop you will be attending. Workshop location information is on the next page.

Important Notice: Because space is limited at each location, pre-registration is a must. If several people from your organization are interested in attending, it is important that they register individually. The registration deadline for each workshop is July 8. So, please get it on your calendar today.

Here is the information on workshop locations:

Buffalo workshop July 17: <http://www.ramadahotelamherst.com/location.html>

Auburn workshop July 18: <http://hiltongardeninn3.hilton.com/en/hotels/new-york/hilton-garden-inn-auburn-SYRAUGI/maps-directions/index.html>

Thank you and we hope to see you there!

Dave MacNeill
NY Sea Grant



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July 18 – Hilton Garden Inn, Auburn NY
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Draft Agenda

- 8:30. Check in, Coffee.
- 8:50. Welcome/Introductions. Dave MacNeill, NY Sea Grant.
- 9:00. *Great Lakes History and Great Lakes Water Quality Agreement.* Dave MacNeill.
- 9:30. *Introduction to Harmful Algal Blooms.* Dr. Greg Boyer, SUNY ESF (College of Environmental Science and Forestry), Syracuse.
- 10:00. *What controls the growth of Cyanobacteria?* Dr. Chris Gobler, SUNY Stony Brook.
- 10:30. BREAK
- 10:45. *NYSDEC and their Nutrient Criteria threshold.* Scott Kishbaugh, NYS DEC (Department of Environmental Conservation).
- 11:15. *HAB Health affects and the NYSDOH perspective.* Dr. James Hyde, NYS Health Department. (NYSDOH.)
- 11:45. *Remaining Questions from Morning Session.* Speaker Panel
- 12:00. LUNCH
- 12:45 *HAB Interactions with Fish and Fisheries.* Dave MacNeill.
- 1:15. *HAB Impacts on Stakeholders.*
Lake Erie- Marti Martz, Pennsylvania Sea Grant.
Sodus Bay- Ed Leroux, Save our Sodus
- 1:45. *Best management practices for nutrients:* TBA
- 2:15 BREAK
- 2:30 *Setting up a monitoring program.* Dr. Greg Boyer.
- 3:00 *Open forum: your questions, feedback and experiences.* Speaker Panel.
- 3:30 ADJOURN