



Seneca Lake Harmful Algae Bloom Public Forum

Tonight's Time Line and Speakers

6:10 Ecology of HAB's / Cyanobacteria

Lisa Cleckner, Ph.D.
Director of the Finger Lakes Institute at HWS Colleges

6:30 NY Statewide View of HABs

Lewis McCaffrey, Ph.D.
Senior Scientist, NYS DEC Finger Lakes Water Hub

6:50 SLPWA HABs Monitoring Program

Ed Przybylowicz, Ph.D.
SLPWA HABs Monitoring Program Co-Coordinator

7:10 Health Implications of HABs

James Hyde
Research Scientist, NYS Department of Health

7:30 Question-and-Answer Session

Panel of Speakers



Lake Conditions and Action Planning

October 26, 2017

Background – Water Quality is being negatively impacted by:

- ▶ Agricultural Run-off
- ▶ Storm water Run-off and Erosion
- ▶ Sanitary System Impacts (residential and municipal)
- ▶ Increasing temperatures and storm events
- ▶ Implications for our economy are significant

Action Planning Process

Step One: Benchmark

- ▶ Identify best practices related to nutrient loading problems.
- ▶ Understand how related impacts were measured or evaluated

Action Planning Process

Step Two:

- ▶ Review preliminary plan with key stakeholders.
- ▶ Develop a collaborative plan with well-defined roles and responsibilities.
- ▶ SLPWA's role may include facilitation and water quality monitoring.

Action Planning Process

Step Three:

- ▶ Redefine the action plan and identify an implementation plan in partnership with collaborators.
- ▶ Translate best practices into programs.

Action Planning Process

Step Four:

- ▶ Continuously evaluate the processes and outcomes.
- ▶ Work with collaborative partners to refine and improve the action plan and programs.

Key Stakeholders / Collaborative Partners

- ▶ Seneca Lake Pure Waters Association Board of Directors
- ▶ Seneca Lake Watershed Inter-Municipal Organization (SWIO)
- ▶ Finger Lakes Institute
- ▶ Community Science Institute
- ▶ NYSDEC and new Finger Lakes Hub
- ▶ Cornell Cooperative Extension, Soil Conservation Service and other SLAP-5 agencies

Recent HAB's Activity Is Concerning

- ▶ Develop an action plan supported by these stakeholders.
- ▶ Understand what happened this summer and identify causes.
- ▶ An action plan will emerge from discussions like these – we are committed to supporting continued monitoring and the action plan that emerges.
- ▶ We greatly appreciate the participation of the speakers tonight and your attendance

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