

Interstate Technology Regulatory Council Harmful Cyanobacterial Blooms



January 27th, 2:00 p.m. EST

Webinar Logistics

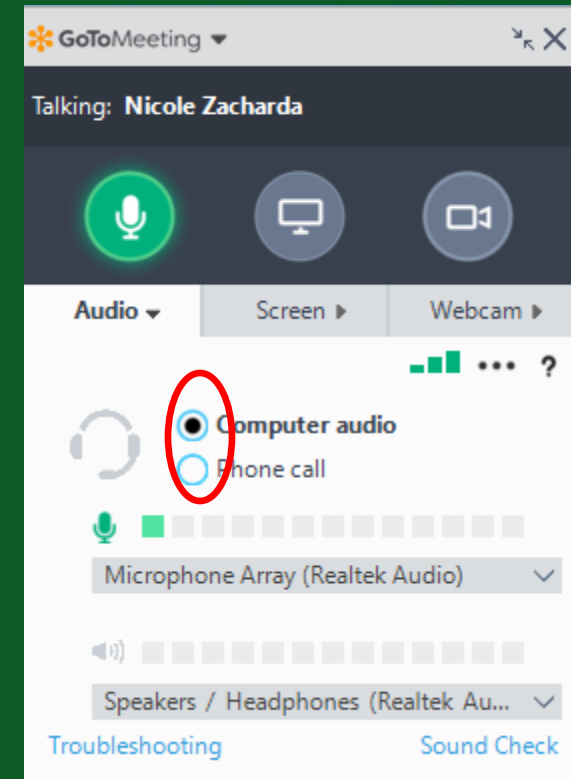
All participants will be automatically muted...

Audio can be streamed through your computer or phone..

Here's how:

- Click either “Computer Audio” or “Phone call” to switch

(You may have to click on the “Audio” tab, first.)



Webinar Logistics

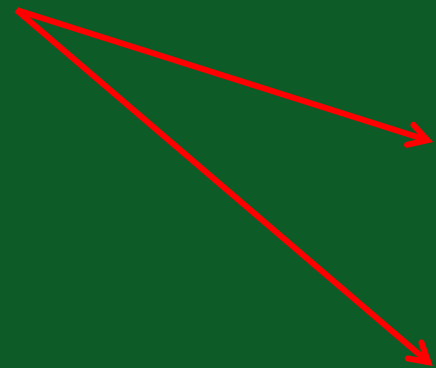
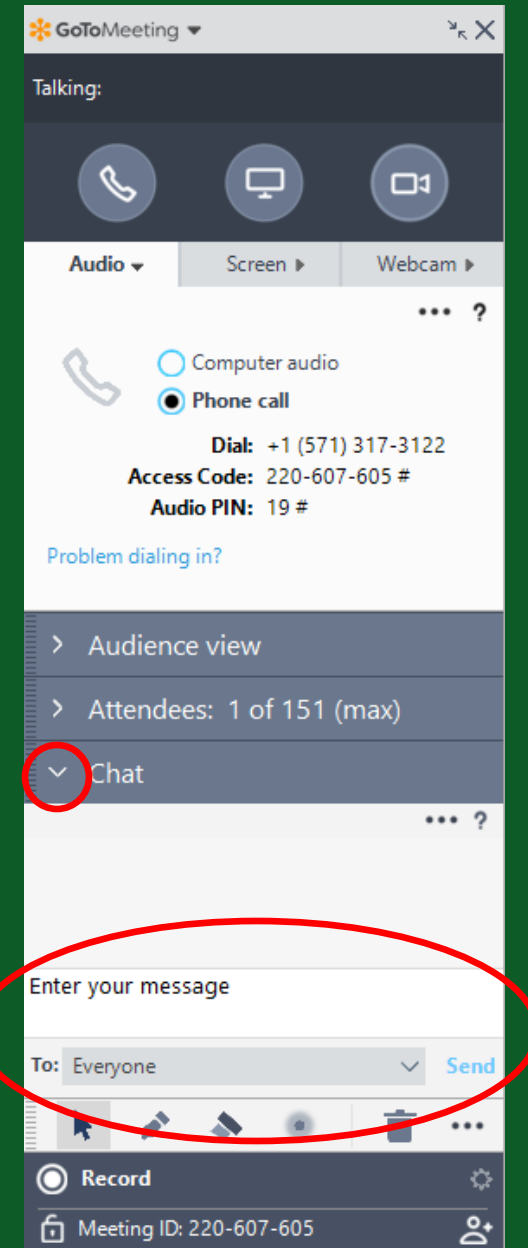
Questions will be saved until the end

Ask a question :

- Submit questions / comments in **writing** using the GotoWebinar chat box.

Technical Issues?

- Send us a Question
- If all else fails, log-out and rejoin the webinar / audio



HABs Collaborative

Linking Science and Management to Reduce Harmful Algal Blooms

Website: <https://www.glc.org/work/habs>

To send an email to the List-serv (which has ~300 members!)

- Format the email exactly as you would like the members to receive it.
- Send it to: habscollaboratory@great-lakes.net

Upcoming Products:


 **Great Lakes HABs Collaborative**
Linking Science and Management to Reduce Harmful Algal Blooms

Who Does What? A Guide to Agencies' Roles in HABs

Harmful algal blooms (HABs) in the Great Lakes have impaired drinking water, threatened public health, and hurt the regional economy. Management is a complex, regional challenge that cannot be addressed by one jurisdiction or single agency. This factsheet seeks to provide a brief overview of agency roles in a spectrum of activities from HABs prevention to response. The graphic below is intended to depict spatially where activities occur in a landscape, with agencies listed under their primary activities.




The diagram illustrates the spatial distribution of activities across three landscape types: Urban, Agriculture, and Lake. At the top, a horizontal bar lists six activity categories: Prevention (orange), Forecasting and Modeling (yellow), Monitoring of HABs (pink), Detection of HABs/Toxins (purple), Communication (light blue), and Response (green). Below this, three landscape icons are shown: Urban (city skyline), Agriculture (farm with tractor), and Lake (water with fish). Each landscape icon contains a set of colored boxes representing the activity categories: Urban (P, C, R), Agriculture (P, C, R), and Lake (F, M, D, R).

 **Great Lakes HABs Collaborative**
Linking Science and Management to Reduce Harmful Algal Blooms

Great Lakes Harmful Algal Blooms: Current Knowledge Gaps

Freshwater Harmful Algal Blooms (HABs) are an issue throughout the world causing deterioration of drinking water, deterring recreation, and negatively impacting ecosystems. The Great Lakes, which contain 20% of the world's surface freshwater, have been experiencing an increase in HABs. While there have been significant research efforts, knowledge gaps relating to HABs still remain. This fact sheet highlights Knowledge Gaps relating to Great Lakes HABs for water managers, state and federal agencies, legislators, and others involved in the development of policies to restore and protect the Great Lakes.



The diagram shows a landscape with various elements: a city skyline, a farm with a red barn, a lake with a boat, and a residential area with houses. A winding path or stream flows through the landscape, connecting these different areas. The scene is set against a background of trees, a sun, and clouds.

Factsheets were drafted by a subset of Collaborative members. To be released in the spring of 2021.

Want to stay up to date?

Check out the Newsletter!

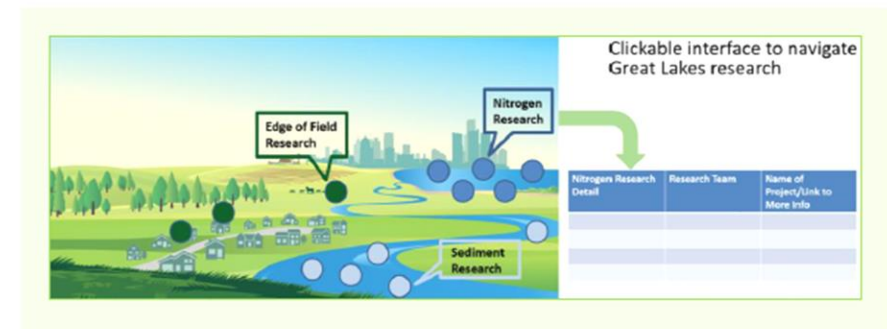
- Published quarterly through the list-serv
- Member spotlight section to highlight active work.
- Also available at:
<https://www.glc.org/work/habs/news>



What's happening with the HABs Collaborative Steering Committee?

Development of a Research Dashboard and Request for Input

Starting in 2021, the Collaborative is looking to upgrade its current website to include features benefitting the Great Lakes HABs research and management community. One addition is a **Great Lakes Research Dashboard**, which is envisioned to be a centralized repository that briefly highlights the various HABs research efforts occurring around the binational Great Lakes basin. The current mock-up envisions a generalized landscape with various clickable dots across the landscape. Each dot would highlight a certain area of research. When clicking a dot, it will open a table that will contain information about the ongoing research occurring within that area. The table will also contain links, which will be able to go to external websites to learn more about the research. An alternative, map-based view may also be incorporated to orient website visitors to where HABs are occurring in the basin relative to various research efforts.



As we begin this effort, we would like input from the Collaborative on what research topics should be used to organize the dashboard (dots to be clicked on e.g. Edge of Field Research) and what content should be included in the table. To provide input, please participate in our [Request for Feedback](#) by January 5, 2021.

Speakers

- Cherri Baysinger, ITRC
- Angela Shambaugh, HCB Team Leader

Questions?

Thank you!



**Great Lakes HABs
Collaborative**