



## Disturbance Ecology: effects on Great Lakes HABs and Phycology

**September 26-28, 2023**

Stone Lab, Put-in-Bay, Ohio

### DRAFT AGENDA

#### Day 1: Tuesday, September 26

Morning/afternoon Travel to Put-in-Bay, Grand Islander Hotel, 432 Catawba Ave.  
Last ferry to island departs mainland at 6:30pm!  
7:30-9:00 pm Group dinner and social [Hooligans Restaurant, 421 Catawba Ave.]

#### Day 2: Wednesday, September 27

7:50 – 8:00 am OSU van will arrive to transport participants to Franz Theodore Stone Laboratory, 360 SR 357 (participants may also walk, if preferred, 0.8 miles along coast)  
8:00 – 8:30 am Gather at Stone Laboratory. A light breakfast will be provided.  
8:30 – 8:45 am Welcome (Greg Dick, CIGLR Director) and Summit overview (Heather Raymond, OSU)  
8:45 – 10:00 am Conceptual framework and short introductions

- Andrew Bramburger, ECCC, Conceptual Framework (15 minutes)
- 3-5 minute introductions/connections to summit theme from attendees

10:00 – 10:15 am Refreshment break  
10:15 – 10:45 am Introductions continued  
10:45- 11:15 am Round-robin talks from state and federal agencies on changes they have observed in recent years and science needs from managers  
11:15am – 12:00 pm Group discussion and strategy for afternoon break outs, including initial revisions to conceptual framework presented above.  
12:00 – 1:00 pm Lunch  
1:00 – 5:00 pm Small working group break-out sessions [facilitated, with guiding questions]  
5:00 pm Adjourn, OSU Van Transport to Hotel  
6:00 pm Group dinner [location TBD].

#### Day 3: Thursday, September 28

7:50 – 8:00 am OSU van will arrive to transport participants to Stone Laboratory, 360 SR 357 (participants may also walk, if preferred, 0.8 miles along coast)  
8:00 – 8:30 am Gather at Franz Theodore Stone Laboratory. A light breakfast will be provided.  
8:30 – 9:00 am Reports from working groups  
9:00 – 11:00 am Finish working groups, select lead authors  
11:00 am – 12:00 pm Final reporting, summary and wrap-up  
12:00 pm Lunch  
1:00 pm Adjourn

Potential break-out session topics include:

- Shifting cyanobacterial community dynamics (and model parameterization – are we capturing the right things in our models, can we capture them?)
- Land/Stream-to-lake cyanobacteria “seeding” effects
- “Atypical” blooms
- External Drivers - Common or disparate changes to the environment in the Great Lakes basin that result in disturbance
- Internal Drivers
- What are the processes that we think we understand about HAB toxicity
- What are the uncertainties and unknowns – e.g. how P is stored and used by algae
- Data needs to answer critical identified applied research questions

Topics will be revised based on morning group discussion on Day 1.