

## STAKEHOLDER OPPORTUNITIES



Sleeping Bear Dunes National Lakeshore  
Photo credit: NOAA GLERL

### Who are our stakeholders?

*Anyone who makes decisions based on conditions in the Great Lakes, including public utilities, commercial and recreational users, shipping, and other water-based industry.*

### Why participate as a stakeholder?

*Help our research team create products that meet your Great Lakes information needs.*

### How you can help:



#### Survey

Share your thoughts on Great Lakes information needs and our research products.



#### Interview

Participate in an interview to evaluate the usefulness of a product or share your thoughts on Great Lakes conditions.



#### Focus Group

Participate in a 1-2 hour small group interview with people who share a common Great Lakes experience.



#### Workshop

An opportunity for diverse groups to interact and discuss topics on Great Lakes conditions.



#### Co-design

Work directly with researchers to advise on products that meet Great Lakes information needs.



Research teams visit public water treatment plants to learn about information needs.

### For additional information, please contact:

Riley Ravary, PhD  
Cooperative Institute for Great Lakes Research  
4840 South State Road | Ann Arbor, MI 48108  
ravary@umich.edu | 734-741-2286

# TURNING RESEARCH INTO ACTION

## Stakeholder-Driven Lake Forecasts

### Lake Erie HAB Tracker

- The HAB Tracker provides a 5 day forecast of the location, surface concentration, and predicted movement of harmful algal blooms.
- Focus groups were held with Lake Erie anglers and charter captains to understand their information needs and improve forecast design.
- Outcomes included forecast web page updates to address stakeholder questions and provide requested data including wind direction and speed, wave height, and latest toxin sampling results.



*Dr. Mark Rowe discusses Lake Erie algal blooms with charter boat captains.*



[Learn more](#)

*CIGLR researchers met with the Painesville Water Treatment Plant to discuss hypoxia and its impact on drinking water.*



### Lake Erie Hypoxia Forecast

- The hypoxia forecast predicts where extremely low dissolved oxygen may occur, which creates water quality issues for drinking water treatment plants.
- Focus groups were held with treatment plants to understand how they are affected by hypoxia and what information should be included in the forecast.
- As a co-design partner, Cleveland Water supported design, implementation, and analysis of study results.



[Learn more](#)



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