



great lakes  
observing system

# 2025 Annual Meeting

Wednesday, July 9, 2025

## *From Buoys to Breakthroughs: 20 Years of GLOS*

8:30 am Check in and Breakfast

9:30 am **Welcome**

Jennifer Boehme, CEO - GLOS  
Tom Rayburn, Board Chair - GLOS

9:40 am **IOOS Program Office Updates**  
Krisa Arzayus, Deputy Director - U.S. IOOS Program Office

10:00 am **IOOS Association Updates**  
Kristen Yarincik, Executive Director - IOOS Association

10:15 am **GLOS: 2025-2045 Overview**  
Jennifer Boehme, CEO - GLOS

10:30 am **Community Engagement**

Katie Rousseau, Strategic Initiatives Manager - GLOS

*Great Lakes Innovation Accelerator*  
Soham Dalal, Managing Director - Gener8tor

10:50 am *Lakebed 2030 - A Collaborative Approach to Lakefloor Exploration*  
Derek Niles, President - Orange Force Marine Ltd.

11:10 am *Research Engagement with the Cooperative Institute for Great Lakes Research at NOAA's Great Lakes Environmental Research Laboratory*  
Nayethzi Hernandez, Research Engagement Specialist - CIGLR  
John McClure, Research Engagement Specialist - CIGLR

11:30 am **Lunch**

12:45 pm **Observations & Technology**

Shelby Brunner, Science and Observations Manager - GLOS

*An Observing Reflection for the Great Lakes*  
Lacey Mason, Physical Scientist - NOAA GLERL

1:15 pm *Upgrades and Modernization of the Great Lakes Evaporation Network (GLEN)*  
John Lenters, Senior Research Specialist -  
University of Michigan Biological Station

1:45 pm *Evolution of Observations and Data in Models and Forecasts*  
Eric Anderson, Director of Hydrologic Science and Engineering -  
Colorado School of Mines

2:15 pm **Break**

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2:45 pm

**Data & Information**

Mike Sutherland, Marine Geospatial Analyst - GLOS

**DMAC Core Operations Update - Ingest, NDBC, and NCEI**

Joe Smith, Cyberinfrastructure Engineer - GLOS

**New Seagull Features**

Sneha Bhadbhade, Senior Advisor - GLOS

3:15 pm

**Coastal Safety for Beach Goers and Small Craft in the Great Lakes**

D. Andrew Ferguson, Chief Executive Officer, Argonaut

3:40 pm

**From Data to Decisions: How AI Amplifies GLOS's Mission**

Brian Tol, Vice President of Software Engineering - Mutually Human

4:10 pm

**DIG: Advancing Water Technology Through User-Focused Product Innovation**

Mike Meyers, Delivery Manager - DIG,

Thad Senti, CTO - DIG

Nate Smith, Co-founder and COO - DIG

4:25 pm

**GLOS 2026-2031: Partner Discussion**

Jennifer Boehme, CEO - GLOS

5:00 pm

Formal program ends

Thank you to our meeting sponsors:



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5:30 - 8pm

**Evening Reception**

*We invite you to join us at the Annual Meeting **Afterglow**.*

We are hosting an informal, after-meeting evening reception at The Circ Bar in Ann Arbor. Swing by to continue conversations, share ideas from the meeting, and connect with the GLOS community!



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