

Lakebed 2030

Comprehensive Mapping of the Great Lakes

November 6,, 2019
Map the Gaps Symposium
Linden Brinks
Tim Kearns
Great Lakes Observing System





244,160 sq. km

8 states

2 nations

1 province

30 million people

Largest in world

22,684 cubic km

Fishery

Recreation

Agriculture

Indigenous Peoples

Commercial Shipping

Marine Protected Areas
Public Works
Universities
Parks Canada
TelCo CHS
Research Survey State Parks
NOAA Ports
US Army Corps of Engineers
Police
Defense
GSC
Indigenous Peoples





great lakes
observing system

Lakebed 2030
is going to **fix** all that.

Great Lakes Observing System

Building
a
Technology Demonstrator

ANSWER
QUESTION

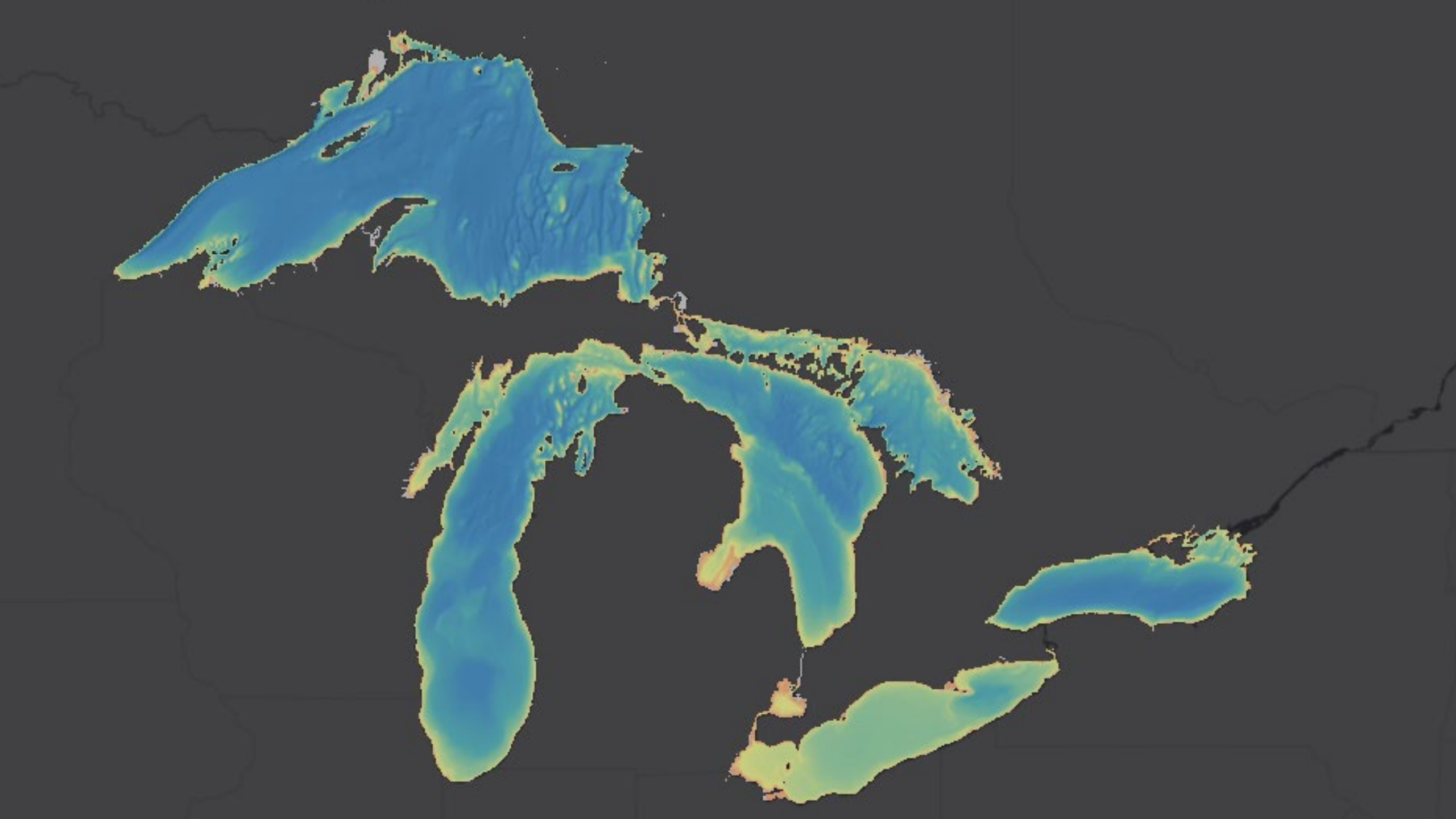


What?
Where?
Where not?

But it is not without challenges.

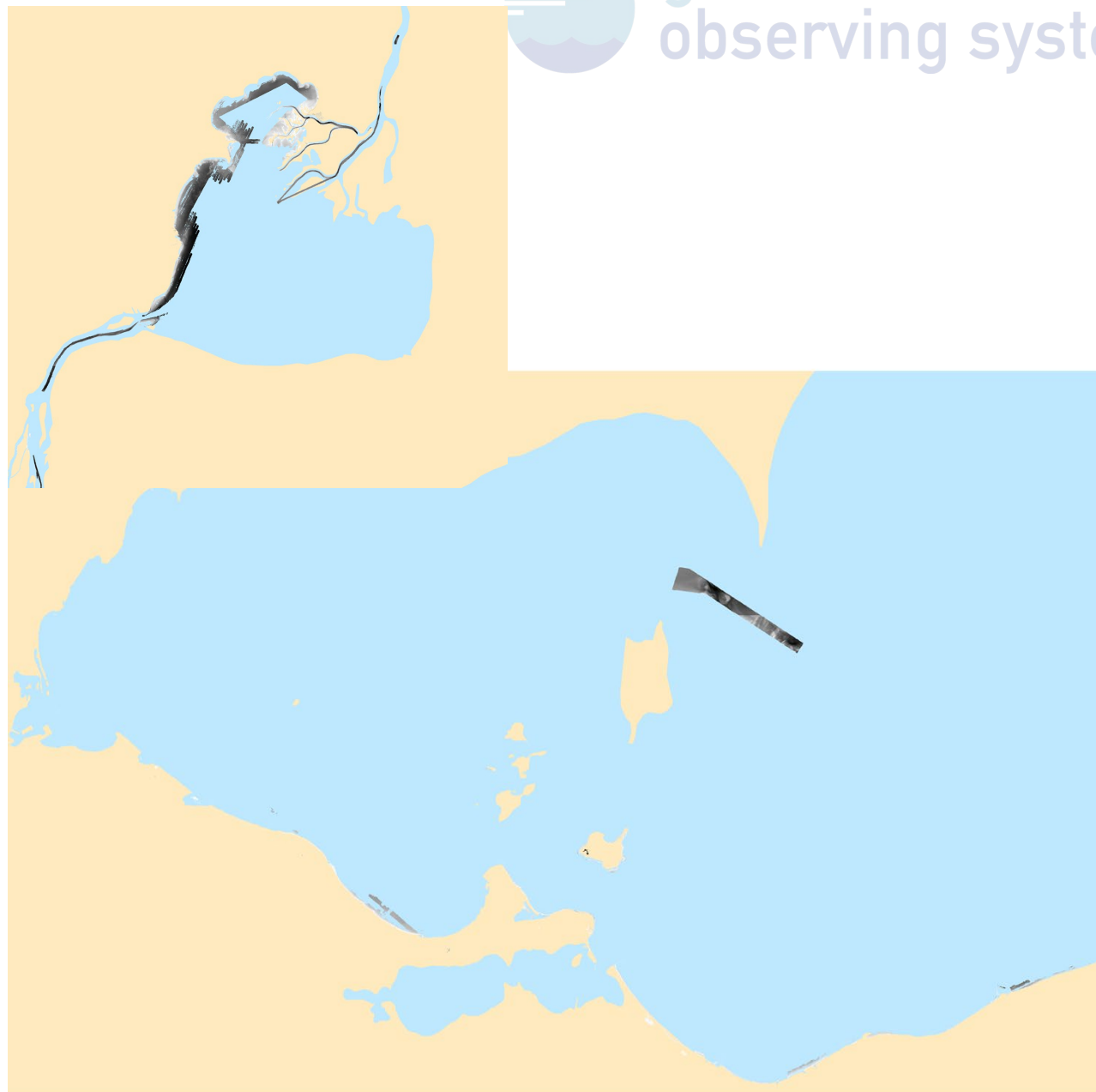


Data formats, standards, location, security and sources
all **vary widely across diverse groups**.



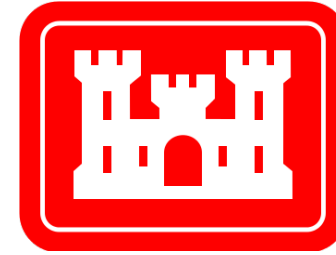


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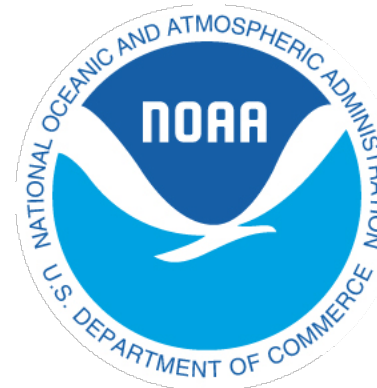




great lakes
observing system



GREAT LAKES
BOTTOM MAPPING
WORKGROUP





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THANK YOU

Get involved!
lakebed2030.org

Linden Brinks
Data Coordinator
linden@glos.us
[@realGLOS](https://twitter.com/realGLOS)

Tim Kearns
Chief Information Officer
tim@glos.us
206-495-2242
[@jimmynotyres](https://twitter.com/jimmynotyres)



- Web application design
- Project budgeting
- R & D



Design Q4 2019

- Collect input bathymetry data
- Coordinate data collection



Data Collection Q4 2019 - Q2 2020

- Compile data and resources



Build Functionality Q4 2019 - Q1 2020

- Spread awareness
- Present to target audience
- Gather funds



Present and Gather feedback Q1 - Q3 2020

- Scale to full Great Lakes



Scale Q3 2020