great lakes observing system

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

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Lakebed 2030

is going to fix all that.

Great Lakes Observing System

Building a *Technology Demonstrator*

ANSWER QUESTION

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What?
Where?
Where not?

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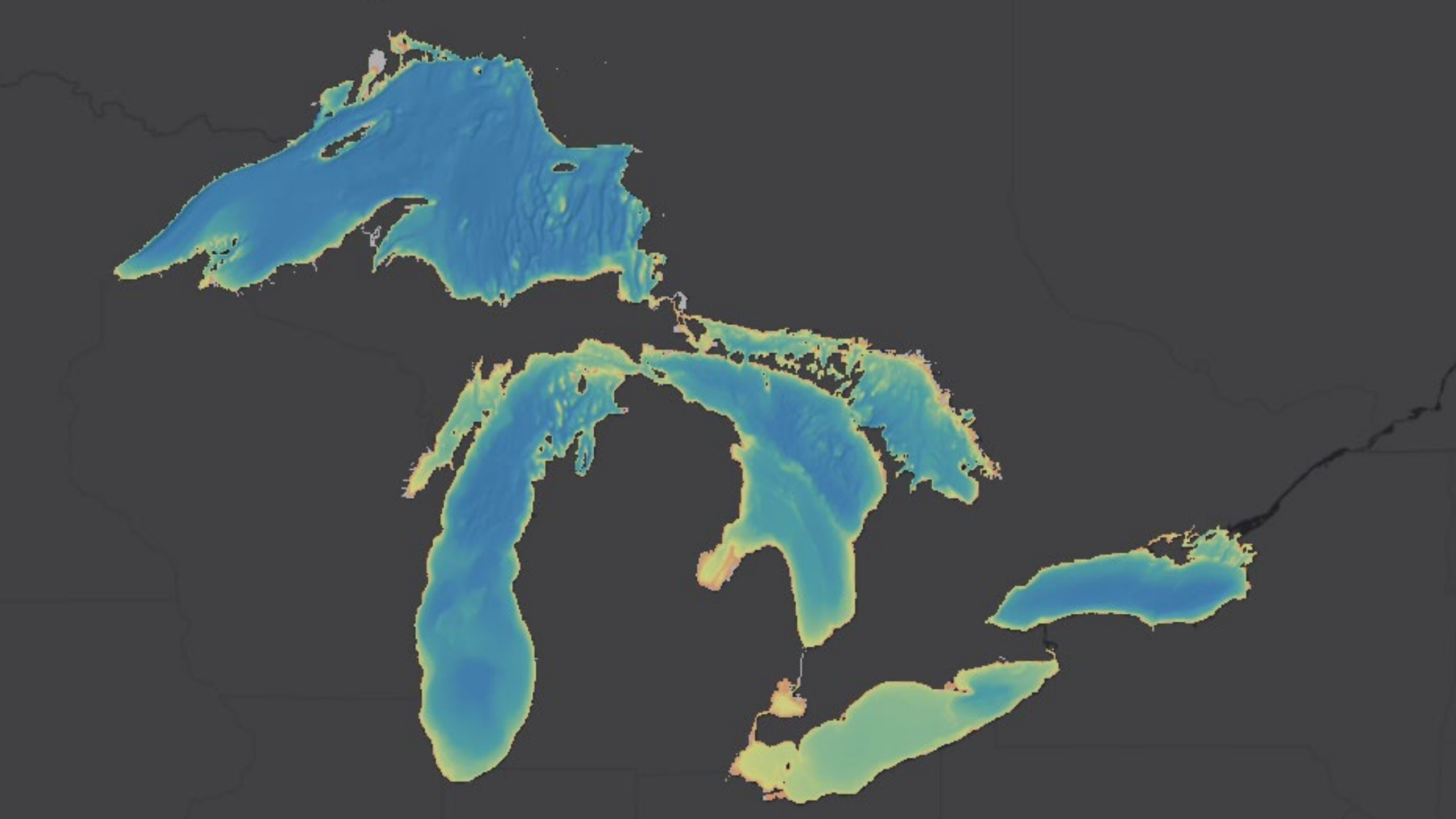
But it is not without challenges.

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



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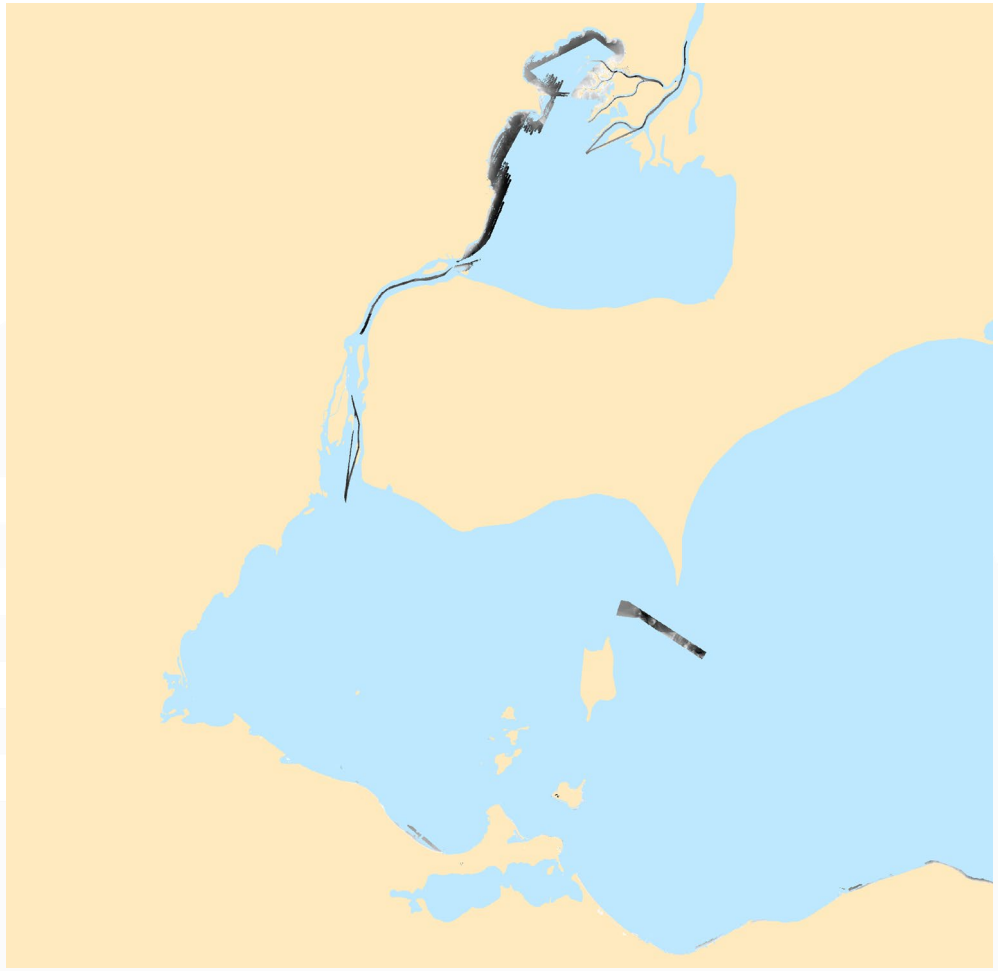

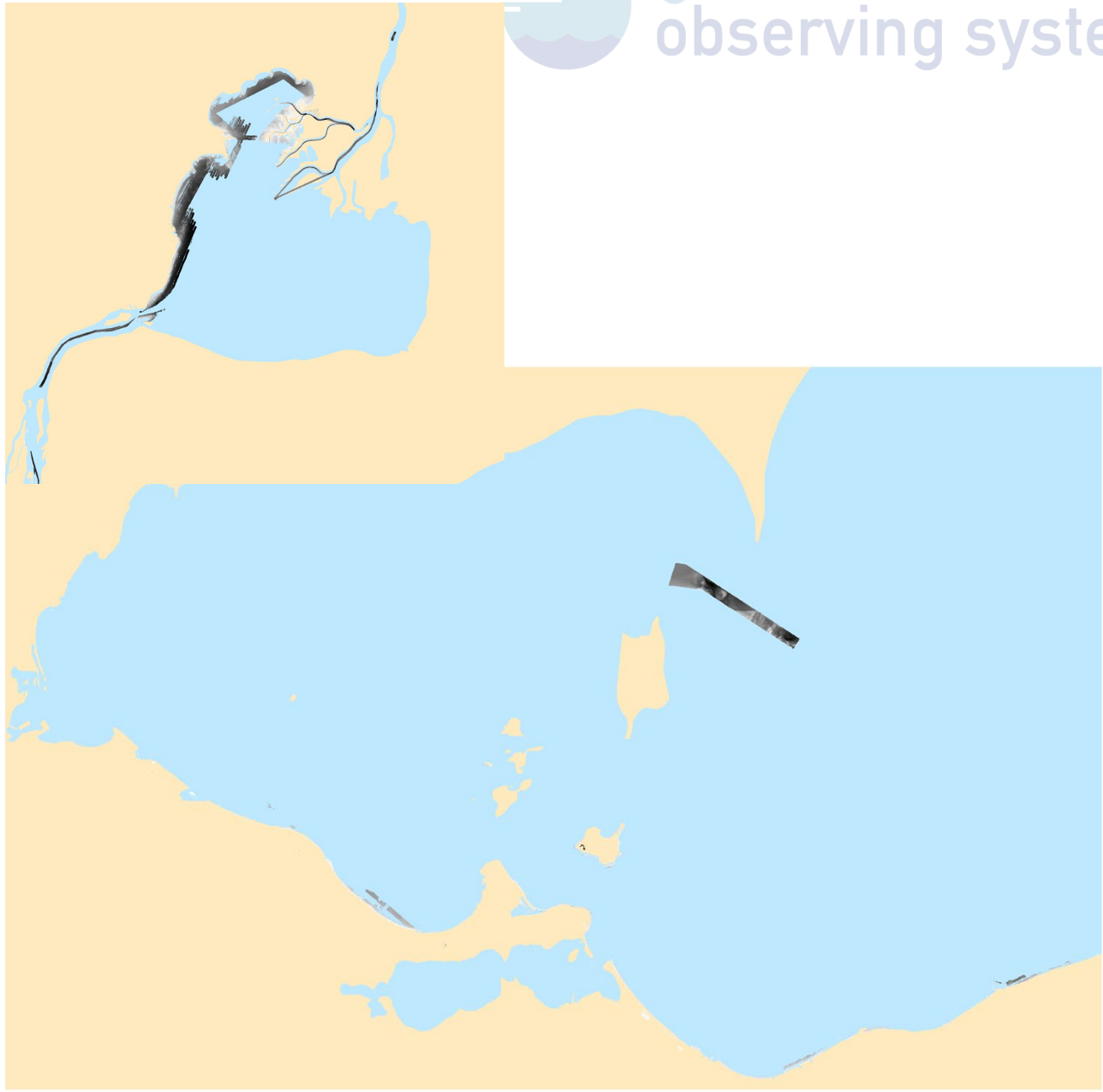

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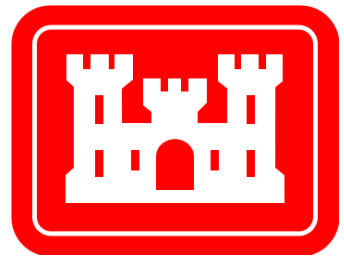
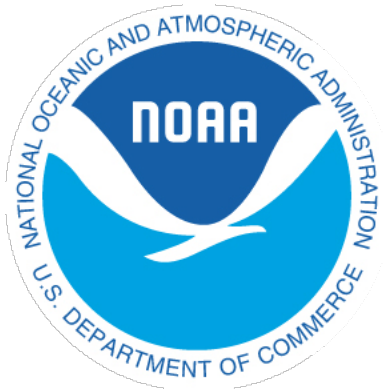


GREAT LAKES
BOTTOM MAPPING
WORKGROUP



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THANK YOU

Get involved!
lakebed2030.org

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Design
Q4 2019

- Web applicatin design
- Project budgeting
- R & D

Data Collection
Q4 2019 - Q2 2020

- Collect input bathymetry data
- Coordinate data collection

Build Functionality
Q4 2019 - Q1 2020

- Compile data and resources

Present and Gather feedback
Q1 - Q3 2020

- Spread awareness
- Present to target audience
- Gather funds

Scale
Q3 2020

- Scale to full Great Lakes