



LAKEBED 2030

September 17-19, 2024

Traverse City, Michigan

Tuesday, September 17, 2024 (times reflect Eastern daylight time)

Time		Event	
1300	Registration	REGISTRATION OPENS	Exhibitor set-up
1300-1700	Demos	On-water Equipment Demonstrations	Harbor area
1300-1600	Course	Underwater Visualization for Infrastructure Inspection - Kongsberg (separate registration required)	Room 211
1700	Reception	Welcome Reception & Sponsorship Recognition - Hosted by Teledyne Marine and SES	Rotary Hall

PLATINUM SPONSOR



GOLD SPONSORS



SILVER SPONSORS



BRONZE SPONSORS



PROGRAM SUPPORT



Opportunity runs deep™



Wednesday, September 18, 2024 (times reflect Eastern daylight time)

Time	Event / Presentation		Presenter(s)
0800	Hosted breakfast		
0830	Opening Remarks	Welcome and Overview of the Day Featured Speaker Introduction	<i>Heather Stirratt, Director International Joint Commission</i>
0845	Keynote	Topic - TBD	<i>Rick Spinrad, PhD NOAA</i>
0945	Featured Speaker	Topic - TBD	<i>Rear Admiral Ben Evans NOAA Office of Coast Survey</i>
1015	Coffee break		
1030	Panel	Topic - TBD	<i>Rick Spinrad, PhD (NOAA) Rear Admiral Ben Evan (NOAA) Chris Marshall, Director (CHS) Industry perspective (TBD)</i>
1130	Bi-National Bathymetry Coverage and Gap Analysis Pilot		<i>Meredith Westington NOAA</i>
1200	Lunch		
1230	Development of a Great Lakes Science Plan: Aligning and Coordinating with Lakebed 2030		<i>Matthew Child International Joint Commission</i>
1300	Coast Survey's Hydrographic Surveying Program: Planning, Managing, and Qualifying Hydrographic Survey Data Acquisition in the Great Lakes		<i>Christy Fandel NOAA</i>
1330	Adding to the Map: Large-scale Charting Efforts of Lake Michigan Contribute to Lakebed 2030 Initiatives		<i>Rebekah Gossett NV5</i>
1400	Conquering Data in the Great Lakes through a Joint Venture		<i>Tim Kearns GLOS</i>
1430	Shallow and Extended Range Lakebed Mapping with Long-endurance USVs		<i>Matt Holland NORBIT/SailDrone</i>
1500	Coffee Break		
1515	Benthic Habitat Mapping: Integrating AUVs and ROVs with Photogrammetry and Machine Learning		<i>Phillipe Wernette MTU – Great Lakes Research Center</i>
1545	Looking Below the Surface: An Update on Benthic Habitat Mapping in the Great Lakes		<i>Lara O'Brien NOAA</i>
1615	Modernizing Great Lakes Benthic Mapping: Updates on a Collaborative Workflow		<i>Charles Menza NOAA</i>
1645	Employer – Student Roundtable (register here)		
1730	Close-of-the-Day Events		

Thursday, September 19, 2024 (times reflect Eastern daylight time)

Time	Topic	Event / Presentation	Presenter(s)
0800	Hosted Breakfast		
0830	Opening Remarks	Welcome to Day 2 and Overview of the Day Keynote Speaker Introductions	<i>Millicent Pitts</i> <i>Oceans Exchange</i>
0845	Keynote	Topic TBD	<i>Chris Ostrander, CEO</i> <i>Marine Technology Society</i>
0930	Featured Speaker	Status of mapping/charting on the Canadian side of the Great Lakes and opportunities to increase contributions from other interested organizations along with new technologies. (Tentative topic)	<i>Chris Marshall</i> <i>Director, Hydrography (Ontario and Prairie Region and Arctic Region) / Canadian Hydrographic Service</i>
1015	Break		
1030	NOAA's New Center of Excellence for Operational Ocean and Great Lakes Mapping		<i>Andy Armstrong</i> <i>NOAA</i>
1100	The International Great Lakes Datum: Improving the Reference Levels for Water Levels in the Great Lakes		<i>Terese Herron</i> <i>Fisheries & Oceans Canada</i>
1130	Great Lakes Satellite Derived Bathymetry - Successes, Failures and New Approaches		<i>Kyle Goodrich</i> <i>TCarta</i>
1200	Lunch		
1230	Lake Superior Mapping and Archaeological Exploration Using Uncrewed Technology and High-Performance Multibeam		<i>Travis White</i> <i>MTU – Great Lakes Research Center</i>
1300	Between Two Lakes: Habitat Mapping in the Niagara River		<i>Josephine Johnson</i> <i>US Fish & Wildlife Service</i>
1330	A Community-led plan to explore the underwater cultural heritage of Flathead Lake, Montana		<i>Helen Stewart</i> <i>Fugro</i>
1400	Deep Crater Structures in the Milwaukee Basin		<i>Brendon Baillood</i> <i>Wisconsin Underwater Archeology Assoc.</i>
1430	Exploring the Wisconsin Shipwreck Coast National Marine Sanctuary at Scale		<i>Caitlin Zant</i> <i>Wisconsin Shipwreck Coast National Marine Sanctuary</i>
1500	Where Is the World Data?		<i>Tim Kearns</i> <i>GLOS</i>
1530	OCEANS 25 - Great Lakes Closing Remarks / Event Close		<i>Hans VanSumeren, Senior Director</i> <i>Ocean Enterprise, MTS</i> <i>OCEANS 25 LOC Chair</i>
Lakebed 2024 Event Close			

1700 - 1900	<p>MTS / THSOA Regional Chapter Meeting</p> <p>Traverse City Curling Center, 1712 S. Garfield Ave., Traverse City</p> <p>This event is <u>not</u> included in the Lakebed conference registration and requires a separate registration.</p> <p>Registration link coming soon.</p>
-------------	--

Revision date: (06.24.2024)