

Agenda



2023 Upper Lake Committee Meetings

March 21-24, 2023

The Delta Sault Ste. Marie Waterfront
Sault Ste. Marie, Ontario

LAKE HURON COMMITTEE

Tuesday, March 21st

- 9:00 am **1. Opening remarks and introductions**
 - Tom Gorenflo and Paul Ripple (*CORA*)
- 9:05 am **2. Status of prey fish in Lake Huron**
 - Tim O'Brien (*USGS*)
- 9:25 am **3. Status of sea lamprey in Lake Huron**
 - Shawn Nowicki (*USFWS*)
- 9:45 am **4. US waters of Lake Huron lake whitefish status and research**
 - Kevin McDonnell (*USFWS*)
- 10:05 am **5. ON waters of Lake Huron lake whitefish status and research**
 - Stephen James (*OMNRF*)
- 10:25 am **6. Lake Huron cisco restoration status update**
 - Jose Bonilla-Gomez (*USFWS*)
- 10:45 am **BREAK**
- 11:00 am **7. Lake Huron telemetry projects overview**
 - Chris Vandergoot (*GLATOS*)
- 11:20 am **8. Lake Huron invasive species surveillance update**
 - Mike Rucinski (*USFWS*)
- 11:40 am **9. Regional diet patterns of key fish species in Lake Huron**
 - Courtney Taylor (*Trent University*)
- 12:00 pm **LUNCH**
- 1:00 pm **10. St. Marys River Fisheries Task Group update**
 - Lisa O'Connor (*DFO*)

LAKE HURON COMMITTEE

Tuesday, March 21st

- 1:15 pm **11. St. Marys River lake sturgeon telemetry update**
 - Lisa O'Connor (*DFO*)
- 1:30 pm **12. Status of lake trout in Lake Huron**
 - Ji He (*MDNR*)
- 1:50 pm **13. Status of non-lake trout salmonids in Lake Huron**
 - Todd Wills (*MDNR*) and Dave Gonder (*OMNRF*)
- 2:15 pm **14. Status of Saginaw Bay's walleye and yellow perch and development of a new management plan**
 - Dave Fielder and Jeff Jolley (*MDNR*)
- 2:40 pm **15. ON waters of Lake Huron walleye status**
 - Chris Davis (*OMNRF*)
- 3:00 pm **BREAK**

LAKE SUPERIOR COMMITTEE

- 3:20 pm **1. Opening remarks and introductions**
 - Lake Superior Committee
- 3:30 pm **2. Buffalo Reef remediation update**
 - Patrick Hanchin (*MDNR*)
- 3:50 pm **3. Buffalo Reef fisheries research and assessment**
 - Mike Lowe (*USGS*)
- 4:10 pm **4. Trophic ecology and mercury bioaccumulation among Isle Royale Lake Charr ecotypes**
 - Gord Paterson (*Michigan Technological University*)

LAKE SUPERIOR COMMITTEE

Tuesday, March 21st

- 4:30 pm **5. Contaminants as tracers of fish, food webs, and resource availability in Lake Superior**
 - Noel Urban (*Michigan Technological University*)
- 4:50 pm **6. Status of the lower food web in Lake Superior**
 - Annie Scofield (*USEPA-GLNPO*)
- 5:15 pm **ADJOURN**

Wednesday, March 22nd

- 9:00 am **7. Status of prey fish in Lake Superior**
 - Dan Yule (*USGS*)
- 9:40 am **8. Lake Superior cisco status, harvest, and management**
 - Ian Harding (*Red Cliff Band*)
- 10:00 am **9. Status of lake whitefish in Lake Superior**
 - Ben Michaels (*GLIFWC*)
- 10:20 am **10. Status of non-native salmonids in Lake Superior**
 - Kyle Rogers (*OMNRF*)
- 10:40 am **BREAK**
- 11:00 am **11. Status of lake trout in Lake Superior**
 - Mike Seider (*USFWS*)
- 11:40 am **12. Spring spawning of siscowet at Isle Royale**
 - Tom Binder (*USGS*)
- 12:00 pm **LUNCH**
- 1:30 pm **13. Trophic dynamics of the Lake Superior fish community**
 - Ariel Edwards (*Northern Michigan University*)

LAKE SUPERIOR COMMITTEE

COMMON SESSION

Wednesday, March 22nd

- 1:50 pm** **14. Stable isotopes of fish from Minnesota's North Shore**
 - Jesse Hanson (*University of Minnesota-Duluth*)
- 2:10 pm** **15. Status of sea lamprey in Lake Superior**
 - Jess Barber (*USFWS*) and Mike Steeves (*DFO*)
- 2:30 pm** **16. Status of brook trout in Lake Superior**
 - Henry Quinlan (*USFWS*)
- 2:50 pm** **17. New genomic resources for brook trout across the Lake Superior basin**
 - Nadya Mamoozadeh and Mariah Meek (*Michigan State University*)
- 3:10 pm** **BREAK**
- 3:35 pm** **18. Lake Superior harvest report**
 - Mike Seider (*USFWS*)
- 3:55 pm** **19. Status of walleye in Lake Superior**
 - Eric Berglund (*OMNRF*)
- 4:05 pm** **20. Status of lake sturgeon in Lake Superior**
 - Joshua Schloesser (*USFWS*)
- 4:25 pm** **21. Status of invasive species in Lake Superior**
 - Jason Ross (*USFWS*)
- 4:45 pm** **22. Lake Superior Committee FCO status assessment**
 - Melissa Trembl (*MNDNR*)
- 5:00 pm** **ADJOURN**

Thursday, March 23rd

- 9:00 am** **1. Opening remarks and introductions**
 - Roger Knight and John Dettmers (*GLFC*)
- 9:10 am** **2. An introduction to the Center for Ecosystem Management**
 - Kevin McCann (*University of Guelph*)
- 9:30 am** **3. Deploying and assessing supplemental sea lamprey controls**
 - Nick Johnson (*USGS*)
- 9:50 am** **4. Learning to see as another sees**
 - Andrew Muir (*GLFC*)
- 10:05 am** **5. Changes in lake productivity and implications to Great Lakes fisheries management**
 - Randy Claramunt (*MDNR*)
- 10:25 am** **6. Water quality of the upper Great Lakes: status, trends, and management**
 - Annie Scofield (*USEPA-GLNPO*)
- 10:55 am** **BREAK**
- 11:15 am** **7. Exploring food web consequences of nutrient targets using mechanistic ecosystem models**
 - Ed Rutherford (*NOAA-GLERL*)
- 11:45 pm** **LUNCH**
- 1:15 pm** **8. Restoration of fish habitats in the Great Lakes**
 - Jeff Tyson (*GLFC*)
- 1:45 pm** **9. Experimental mussel control on Good Harbor Reef**
 - Harvey Bootsma (*University of Wisconsin-Milwaukee*)
- 2:15 pm** **10. Open discussion on implications for declining offshore productivity**
- 2:35 pm** **BREAK**

LAKE MICHIGAN COMMITTEE

LAKE MICHIGAN COMMITTEE

Thursday, March 23rd

- 3:00 pm** **1. Opening remarks and introductions**
 - Brad Eggold (*WDNR*) and Susan Wells (*USFWS*)
- 3:10 pm** **2. Recent trends for Lake Michigan lower trophic levels**
 - Steve Pothoven (*NOAA-GLERL*)
- 3:30 pm** **3. Status of Lake Michigan prey fish in 2022**
 - Ralph Tingley (*USGS*)
- 3:50 pm** **4. Saildrone acoustics – preliminary information on comparison tests in Lakes Michigan and Superior**
 - Peter Esselman (*USGS*)
- 4:10 pm** **5. Status of lake trout restoration in Lake Michigan**
 - Chuck Madenjian (*USGS*)
- 4:30 pm** **6. Predator-prey ratio analysis and Salmonid Working Group update**
 - Ben Turschak (*MDNR*)
- 5:00 pm** **ADJOURN**

Friday, March 24th

- 9:00 am** **7. Great Lakes mass marking program update**
 - Matt Kornis (*USFWS*)
- 9:40 am** **8. Status of sea lamprey in Lake Michigan**
 - Jenna Tews (*USFWS*)
- 10:00 am** **9. Lake Michigan state-of-the-lake dashboard report**
 - Brad Eggold (*WDNR*)

Friday, March 24th

- 10:20 am** **10. Green Bay acoustic telemetry update**
 - Ted Treska (*GLFC*)
- 10:40 am** **BREAK**
- 11:00 am** **11. Northern Lake Michigan reef assessment project update**
 - Dave Clapp (*MDNR*)
- 11:20 am** **12. Lake trout and thiamine**
 - Jacques Rinchard (*SUNY-Brockport*)
- 11:40 am** **13. Lake Michigan Committee close-out and Q&A**

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