

# Agenda



## **2024 Lake Committee Meetings**

March 18-22

DoubleTree Bay City Riverfront

Bay City, MI

# LAKE MICHIGAN COMMITTEE

## Monday March 18

- 1:00 PM      **1. Lake trout restoration in Lake Michigan and working group report**  
*Laura Schmidt (WDNR)*
- 1:20 PM      **2. Salmonid working group report**  
*Ben Turschak (MDNR)*
- 1:40 PM      **3. Lake Michigan mass marking report**  
*Matthew Kornis (USFWS)*
- 2:00 PM      **4. Sea lamprey control Lake Michigan 2023**  
*Jenna Tews (USFWS)*
- 2:20 PM      **5. Recent trends for Lake Michigan lower trophic levels**  
*Steve Pothoven (NOAA)*
- 2:40 PM      **6. PIT tag arrays for lake sturgeon – streamside rearing effectiveness**  
*Corey Jerome (Little River Band of Ottawa Indians)*
- 3:00 PM      **BREAK**
- 3:20 PM      **7. Ecosystem observations using autonomous underwater vehicles: towards winter, under ice physical, chemical, and biological measurements**  
*Steve Ruberg (NOAA)*
- 3:40 PM      **8. Whole-lake indexing of round goby abundances in Lake Michigan with GobyBot**  
*Peter Esselman (USGS)*
- 4:00 PM      **9. Do fish avoid research vessels in the Great Lakes?: Using quiet saildrones to look for bias**  
*Tom Evans (Cornell University)*
- 4:20 PM      **10. Remote underwater video surveys – bringing new technologies into the Great Lakes**  
*Chris Hessell (Grand Traverse Band), Christina VanDoornik (Little River Band)*
- 4:40 PM      **11. Acoustic telemetry - overview of projects and the new devices/technologies for telemetry studies**  
*Chris Vandergoot (Michigan State University)*
- 5:00          **ADJOURN**

## LAKE MICHIGAN COMMITTEE

### Tuesday March 19

- 8:00 AM      **12. Lake Michigan lake whitefish movement**  
*Darryl Hondorp (USGS)*
- 8:20 AM      **13. New technology and modeling reveal upwelling effects on alewife larvae production and distribution in Lake Michigan**  
*Ed Rutherford (NOAA)*
- 8:40 AM      **14. Lake Michigan prey fish report**  
*Dave Warner (USGS)*
- 9:00 AM      **ADJOURN**

## LAKE SUPERIOR COMMITTEE

### Tuesday March 19

- 9:00 AM      **1. Fond du Lac Lake Superior program, inaugural year**  
*Eric Torvinen (Fond du Lac Band)*
- 9:20 AM      **2. Lake Superior basin fisheries habitat management**  
*Paul Piszczek (WDNR)*
- 9:40 AM      **3. Why all the little ciscoes in 2023?**  
*Mark Vinson (USGS)*
- 10:00 AM     **BREAK**
- 10:20 AM     **4. Using autonomous vehicles to examine potential bias in forage fish acoustic surveys**  
*Hannah Blair (Cornell University)*
- 10:40 AM     **5. Vertical distribution of Lake Superior cisco (*coregonus artedi*) spawning aggregations and implications for evaluating management benchmarks**  
*Jeremiah Shrovnal (WDNR)*
- 11:00 AM     **6. The diversity of Lake Superior ciscoes**  
*Owen Gorman (USGS)*
- 11:20 AM     **7. Protected areas and lake whitefish in the Apostle Islands**  
*Dray Carl (WDNR)*
- 11:40 AM     **8. Status of lake whitefish in the Apostle Islands region, WI**  
*Mike Seider (USFWS)*

## LAKE SUPERIOR COMMITTEE

- 12:00 PM     **LUNCH**
- 1:15 PM     **9. Contaminant tracers in Lake Superior lake char**  
*Noel Urban (Michigan Tech University)*
- 1:35 PM     **10. Trophic ecology of juvenile lean and siscowet lake charr in Lake Superior: assessing for potential competition**  
*Shawn Sitar (MDNR)*
- 1:55 PM     **11. Western arm walleye: A summary of recent observations**  
*Dray Carl (WDNR)*
- 2:15 PM     **12. Monterey Bay Aquarium Lake Superior fisheries sustainability report**  
*Coralie D'Lima Smith (Monterey Bay Aquarium)*
- 2:35 PM     **13. Status of sea lamprey in Lake Superior 2023**  
*Ryan Booth (DFO)*
- 2:55 PM     **ADJOURN/BREAK**

## LAKE HURON COMMITTEE

### Tuesday March 19

- 3:10 PM     **1. Lake Huron committee introduction**
- 3:15 PM     **2. Status of lower trophic levels in Lake Huron**  
*Lars Rudstam (Cornell University)*
- 3:35 PM     **3. Investigating lake whitefish recruitment constraints in the first year of life: A 2022 Lake Huron CSMI update**  
*Cory Brant (USGS)*
- 3:55 PM     **4. Salmonine (salmon and trout) fish community objective report**  
*Scott Koproski (USFWS)*
- 4:15 PM     **5. Percid fish community objective report**  
*Dave Fielder (MDNR) and Chris Davis (OMNRF)*
- 4:35 PM     **6. Nearshore fish community objective report**  
*Arunas Liskauskas (OMNRF) & Mike Rucinski (USFWS)*
- 4:50 PM     **7. Coregonine fish community objective report**  
*Jose Bonilla-Gomez (USFWS)*
- 5:10 PM     **ADJOURN**

# LAKE HURON COMMITTEE

## Wednesday March 20

- 8:00 AM      **8. Lake sturgeon fish community objective report**  
*Justin Chiotti (USFWS)*
- 8:20 AM      **9. Lake Huron prey fish community objective report**  
*Darryl Hondorp (USGS)*
- 8:40 AM      **10. Lake Huron sea lamprey report**  
*Gale Bravener (DFO)*
- 9:00 AM      **11. Species diversity fish community objective report**  
*Mike Rucinski (USFWS)*
- 9:20 AM      **12. Recent and future habitat restorations in Lake Huron**  
*Scott Koenigbauer (Purdue University) and Ryan Darnton (NOAA)*
- 9:40 AM      **13. Saginaw Bay walleye & yellow perch assessment and future management**  
*Dave Fielder (MDNR) and Jeff Jolley (MDNR)*
- 10:00 AM     **BREAK**
- 10:15 AM     **14. St Marys River fish community assessment and creel survey**  
*Lisa O'Connor (DFO)*
- 10:35 AM     **15. USFWS AIS surveillance in Lake Huron**  
*Mike Rucinski (USFWS)*
- 10:55 AM     **16. St. Marys River larval fish assessment survey**  
*Robin DeBruyne (USGS)*
- 11:15 AM     **17. An introduction to Saugeen Ojibway Nation fisheries and research**  
*Ryan Lauzon (Saugeen-Ojibway Nation)*
- 11:35 AM     **18. Lake Huron cisco restoration effort**  
*Jose Bonilla-Gomez (USFWS)*
- 11:55 AM     **LUNCH**

## LAKE HURON COMMITTEE

- 1:25 PM **19. Effects of ecosystem changes on lake whitefish in Lake Huron**  
*Erin Dunlop (OMNRF)*
- 1:45 PM **20. Lake Huron dreissenid mussels: Saginaw Bay and Thunder Bay abundances and lake-wide body condition**  
*Ashley Elgin (NOAA)*
- 2:05 PM **21. Reconstructing half a century of lake whitefish and cisco recruitment dynamics across the Great Lakes**  
*Taylor Brown (Cornell University)*
- 2:25 PM **22. The State of Lake Huron 2018-2022**  
*Lake Huron Committee*
- 2:45 PM **ADJOURN/BREAK**

## COMMON SESSION

### Wednesday March 20

- 3:00 PM **1. LAW committee-organisms in trade: short case studies**  
*Brandon Fehrenbacher (IL DNR), Ron Beirnes (DFO), Bob Stroess (WDNR)*
- 3:20 PM **2. Science transfer: Bridging the “knowledge-action” gap**  
*Julie Hinderer (GLFC)*
- 3:40 PM **3. Great Lakes stocking database: Continuing to answer fisheries questions through a science transfer project**  
*Ted Treska (GLFC)*
- 4:00 PM **4. Lake Erie walleye telemetry tool**  
*Travis Hartman (ODNR)*
- 4:20 PM **ADJOURN**

### Thursday March 21

- 8:00 AM **5. Improving environmental DNA (eDNA) reliability for resource management**  
*Chris Wilson (OMNRF), Paige Breault (University of Windsor), & Jeff Tyson (GLFC)*
- 8:20 AM **6. FishPath: The application of a stakeholder engagement process in the Laurentian Great Lakes**  
*Alex Maguffee (Michigan State University)*

## COMMON SESSION

- 8:40 AM **7. Informal science transfer example: State of the Lake reporting dashboard**  
*Andy Todd (MNRF) & Brad Eggold (WDNR)*
- 9:00 AM **8. Panel discussion: Perspectives on science transfer**  
*Panelists: Andy Todd, Travis Hartman, Brad Eggold, Tom Gorenflo, Erin Dunlop*  
*Moderator: Julie Hinderer*
- 9:55 AM **9. Science transfer: Ongoing challenges and opportunities**  
*Julie Hinderer (GLFC)*
- 10:10 AM **ADJOURN/BREAK**

## LAKE ONTARIO COMMITTEE

### Thursday March 21

- 10:30 AM **1. Welcome and opening of LOC session**  
*Andy Todd (OMNRF)*
- 10:35 AM **2. Fish community report card summary**  
*Mike Yuille (OMNRF) & Mike Connerton (NYSDEC)*
- 10:50 AM **3. Lake Ontario August gillnet survey and lake trout assessment, 2023**  
*Brian O'Malley (USGS)*
- 11:05 AM **4. Steps to address impediments to lake trout restoration**  
*Alex Gatch (USGS) & Lucas LeTarte (USGS)*
- 11:20 AM **5. Status of coregonines**  
*Sarah Beech (OMNRF)*
- 11:40 AM **6. Habitat assessment: coregonine**  
*Brian Weidel (USGS)*
- 12:00 PM **LUNCH**
- 1:10 PM **7. Status of Atlantic salmon**  
*Mike Yuille (OMNRF)*
- 1:30 PM **8. Sea lamprey control 2023: Lake Ontario**  
*Bruce Morrison (DFO)*

## LAKE ONTARIO COMMITTEE

- 1:50 PM      **9. Northshore fish community status report**  
*Jessica Goretzke (NYSDEC) & Sarah Beech (OMNRF)*
- 2:15 PM      **10. Lower foodweb monitoring in Lake Ontario**  
*Jim Watkins (Cornell University)*
- 2:35 PM      **BREAK**
- 2:55 PM      **11. Lake Ontario preyfish reports and 2023 survey results**  
*Brian O'Malley (USGS)*
- 3:15 PM      **12. 2023 Salmon and trout assessment in Lake Ontario**  
*Mike Connerton (NYSDEC)*
- 3:35 PM      **13. LOC: Towards a stocking decision framework**  
*Andy Todd (OMNRF)*
- 3:50 PM      **14. Closing thoughts**  
*Chris Legard (NYSDEC)*
- 4:00 PM      **ADJOURN**

## LAKE ERIE COMMITTEE

### Thursday March 21

- 4:00 PM      **1. Opening remarks and introductions**  
*Dave Nihart (PFBC)*
- 4:05 PM      **2. Walleye task group 2023 report**  
*Matthew Faust (ODNR)*
- 4:30 PM      **3. Status of yellow perch stocks**  
*Sara Thomas (MDNR)*
- 5:00 PM      **ADJOURN**



# LAKE ERIE COMMITTEE

## Friday March 22

- 8:00 AM      **4. Opening remarks and introductions**  
*Dave Nihart (PFBC)*
- 8:05 AM      **5. 2024 TAC announcement**  
*Dave Nihart (PFBC)*
- 8:10 AM      **6. STC update**  
*Mark Haffley (PFBC)*
- 8:25 AM      **7. Status of Lake Erie's coldwater fish community**  
*Mark Haffley (PFBC)*
- 8:50 AM      **8. Sea lamprey control in Lake Erie 2023/2024**  
*Lexi Sumner (DFO)*
- 9:15 AM      **9. Status of forage fish in Lake Erie**  
*Zak Slagle (ODNR)*
- 9:40 AM      **10. Habitat task group**  
*Cleyo Harris (MDNR)*
- 10:05 AM     **BREAK**
- 10:25 AM     **11. Lake trout status in Lake Erie**  
*Pascal Wilkins (NYSDEC)*
- 10:50 AM     **12. Surveillance efforts for novel aquatic invasive species in the Lake Erie basin**  
*Kristen Towne (USFWS)*
- 11:15 AM     **13. Exploring movement of mooneyes in the St. Clair-Detroit river system**  
*Todd Wills (MDNR)*
- 11:40 AM     **14. Lake Erie committee session wrap-up and closing remarks**  
*Dave Nihart (PFBC)*
- 12:00 PM     **ADJOURN**