



# Connected Waters

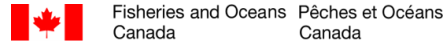
## Bridging Communities & Ideas

**MAY 25-29, 2026**  
**WINNIPEG**

A joint conference of  
the International Association for Great Lakes Research  
and the Society of Canadian Aquatic Sciences

# 2026 CONFERENCE SPONSORS

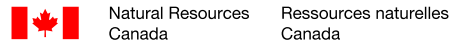
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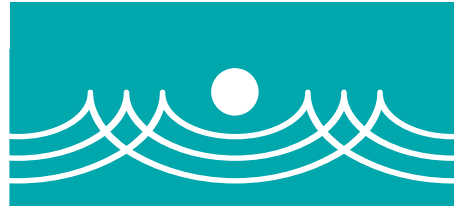
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# CONNECTED WATERS



Bridging Communities & Ideas

## IAGLR & SCAS-SCSA Joint Conference

Convened by the  
International Association for Great Lakes Research  
and the Society of Canadian Aquatic Sciences

May 25–29, 2026

Hosted by the  
IISD Experimental Lakes Area

### Land Acknowledgment

The RBC Convention Centre Winnipeg is on Treaty One Territory, the home and traditional lands of the Anishinaabe (Ojibwe), Ininew (Cree), and Dakota peoples, and in the National Homeland of the Red River Metis.

We recognize and give thanks to Shoal Lake 40 First Nation, in Treaty Three Territory, which is the source of the Convention Centre's clean drinking water.

#connectedwaters26

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International Association for Great Lakes Research  
4840 South State Road, Ann Arbor, MI 48108

iaglr.org

Cover design and conference logo by Jenifer Thomas

# SCHEDULE AT A GLANCE

	Event	Time	Location
MON	Exhibits	6–9 p.m.	1st Floor, Room 1-2
	Welcome Mixer	6–9 p.m.	1st Floor, Room 1-3 & East Concourse
TUE	Exhibits	8 a.m.–8 p.m.	1st Floor, Room 1-2
	Concurrent Sessions	8–11 a.m.	1st Floor, <i>see p. 12</i>
	Opening Remarks	11–11:30 a.m.	2nd Floor, Room 2E-H
	Plenary: Myrle Ballard, University of Calgary	11:30 a.m.–12:30 p.m.	2nd Floor, Room 2E-H
	Buffet Lunch	12:30–1:30 p.m.	2nd Floor, Room 2E-H
	Concurrent Sessions	1:40–6 p.m.	1st Floor, <i>see p. 12</i>
	IAGLR Editors' Reception	5:30–7 p.m.	Lake of the Woods Taproom
	Poster Session	6–8 p.m.	1st Floor, Room 3
	SCAS Editors' Reception	6:15–7:30 p.m.	Vida Cucina Italia
	Student Bingo Mixer	8–10 p.m.	King Head's Pub
WED	Exhibits	8 a.m.–12:30 p.m.	1st Floor, Room 1-2
	Concurrent Sessions	8–11 a.m.	1st Floor, <i>see p. 28</i>
	Remarks & IAGLR Student Awards	11–11:30 a.m.	2nd Floor, Room 2E-H
	Plenary: Joey Bernhardt, University of Guelph; Irena Creed, University of Toronto	11:30 a.m.–12:30 p.m.	2nd Floor, Room 2E-H
	Lunch on your own		
	Field Trips & Workshops	12:45–5:45 p.m.	<i>See p. 6 for locations</i>
	I Am The River, The River Is Me Film Screening + Panel	6:30–9 p.m.	2nd Floor, Room 2E-H
THU	Exhibits	8 a.m.–6 p.m.	1st Floor, Room 1-2
	Concurrent Sessions	8–11 a.m.	1st Floor, <i>see p. 36</i>
	Remarks & IAGLR Journal Awards	11–11:30 a.m.	2nd Floor, Room 2E-H
	Plenary: Scott Higgins, IISD Experimental Lakes Area, and Alexis Kanu, Lake Winnipeg Foundation	11:30 a.m.–12:30 p.m.	2nd Floor, Room 2E-H
	Lunch on your own	12:30–1:40 p.m.	
	Concurrent Sessions	1:40–6 p.m.	1st Floor, <i>see p. 36</i>
	IAGLR Business Meeting & Appreciation Awards	5:40–6:30	1st Floor, Room 9
	SCAS Business Meeting	5:40–6:30	1st Floor, Room 4-N
	Banquet & IAGLR Lifetime Achievement, Vallentyne, and Anderson-Everett Awards	6:45–9:30 p.m.	2nd Floor, Room 2E-H
FRI	Exhibits	8 a.m.–12:20 p.m.	1st Floor, Room 1-2
	Concurrent Sessions	8 a.m.–12:20 p.m.	1st Floor, <i>see p. 56</i>

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## Check out the Online Program

Browse and search sessions, authors, and abstracts.

Bookmark your favorites or use convenient filters.

**All presentations can be livestreamed and recordings will be available to registered attendees after the conference.**



[bit.ly/4wIQZ7G](http://bit.ly/4wIQZ7G)

## REGISTRATION DESK HOURS

Monday  
5:30–8:30 p.m.

Tuesday  
7:30 a.m.–6:00 p.m.

Wednesday:  
7:30 a.m.–1:30 p.m.

Thursday  
7:30 a.m.–5:00 p.m.

Friday  
7:45 a.m.–10:30 a.m.

**Media / Quiet Room**  
located in the  
VIP Salon

*Need a quiet spot  
for an interview or a  
break?*



## Lactation Room

A lactation room is available on the 2nd floor of the North Building in the Edmonton Street Office (near Room 2E)

# CONFERENCE ORGANIZERS

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Jérôme Marty  
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Edward Verhamme  
Les Warren  
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## Student Judging Team

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Judging Coordinator  
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Brianna Ellis  
Caleb Hasler  
Anonymous judges

*Thanks also to all onsite volunteers.*

## SCAS Board and Staff

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Communication Director &  
Strategy Advisor  
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Communication Coordinator

### *Journal of Great Lakes Research*

Margaret Docker  
Lead Editor  
Jessica Ives  
Technical Editor

# EXHIBITORS

Exhibits are open daily in Room 1-2 on the 1st floor. Stop by and say hello!

## **African Center for Aquatic Research and Education**

Ann Arbor, Michigan  
agl-acare.org

## **AquaAction**

Montréal, Québec  
aquaaction.org

## **Aquatic Sensors Inc.**

Kenora, Ontario  
aquaticsensors.com

## **Canadian Science Publishing**

Ottawa, Ontario  
cdnsiencepub.com

## **Curry Industries Ltd.**

Winnipeg, Manitoba  
curryindustries.com

## **Canada Water Agency**

Winnipeg, Manitoba  
canada.ca/en/canada-water-agency.html

## **DataStream**

Toronto, Ontario  
datastream.org

## **Freshwater Research & Innovation Center**

Traverse City, Michigan  
freshwatercenter.org

## **Great Lakes Commission**

Ann Arbor, Michigan  
glc.org

## **Great Lakes Fishery Commission**

Ann Arbor, Michigan  
glfc.org

## **Great Lakes Observing System**

Ann Arbor, Michigan  
glos.org

## **Hoskin Scientific**

Oakville, Ontario  
hoskin.ca

## **IISD Experimental Lake Area**

Winnipeg, Manitoba  
iisd.org/ela/

## **Lakewater Nutrient Capture LTD**

Winnipeg, Manitoba  
lwnc.ca

## **Lotek Wireless**

Newmarket, Ontario  
lotek.com

## **Lake Winnipeg Research Consortium**

Winnipeg, Manitoba  
lakewinnipegresearch.org

## **Manitoba Métis Federation**

Winnipeg, Manitoba  
mmf.mb.ca

## **Nature Analytics**

Mississauga, Ontario  
natureanalytics.ca

## **NORDIK Institute**

Sault Ste. Marie, Ontario  
nordikinstitute.com

## **Ocean Tracking Network**

Halifax, Nova Scotia  
oceantrackingnetwork.org

## **Ping DSP**

North Saanich British Columbia  
pingdsp.com

## **Red River Basin Commission**

Winnipeg, Manitoba  
reddriverbasincommission.org

## **Strato Earth**

Calgary, Alberta  
strato.earth

## **2026 Conference Code of Conduct**

We are committed to healthy, safe, and inclusive meetings for all attendees. We expect all attendees to abide by the Conference Code of Conduct.

### **Reporting Code of Conduct Violations**

If you are the subject of unacceptable behavior or have witnessed any such behavior, please do one of the following:

- If you witness or experience behavior that constitutes an immediate and serious threat, please call 911. The Convention Centre security desk is located on the second floor (North Building, South Concourse).
- Notify or SCAS-SCSA staff member or any members of the organizing team.
- Call or email IAGLR Executive Director Jérôme Marty at (613) 355-6843 or [jmarty@iaglr.org](mailto:jmarty@iaglr.org), or SCAS-SCSA Executive Director Kathryn Peiman at (705) 977-1775 or [SocCanAquatSci@gmail.com](mailto:SocCanAquatSci@gmail.com).



[bit.ly/4to7fm0](https://bit.ly/4to7fm0)

# THINGS TO DO

Beyond the science, the true spirit of our *Connected Waters* theme comes alive in the moments we share outside the session rooms. We invite you to deepen your experience by joining our hands-on workshops, immersive field trips, and vibrant social gatherings that celebrate our community and the city of Winnipeg. Scan the QR Code at right to visit our Things To Do page for details.



[bit.ly/4tx5djF](https://bit.ly/4tx5djF)

## Wednesday Field Trip Logistics

*Unless otherwise noted (\*), all tours will pick up at the RBC Convention Centre. All field trips require separate registration.*

### Sail Lake Winnipeg on the M/V Namao

12:45–5:30 p.m. | Gimli Harbor, Lake Winnipeg  
*Pick up at RBC Convention Centre 12:45 p.m.*

### Immersive Assiniboine River Walk

1 p.m. | Shoreline of the Assiniboine River  
*Meet at the entrance of the RBC Convention Centre at 1 p.m., or join us at the river via Kennedy Street.*

### Narcisse Snake Dens Tour

1–6 p.m. | Narcisse, Manitoba  
*Pick up at RBC Convention Centre 1 p.m.*

### Water and Land Tour of Winnipeg

1:30–3 p.m. & 3–4:30 p.m. | The Forks, Downtown Winnipeg  
*\* Tours depart from The Forks Assiniboine River docks.*

### The Wetland Discovery Centre at Oak Hammock Marsh

1:30–5:30 pm | Oak Hammock Marsh, Stonewall  
*Pick up at RBC Convention Centre 1:30 p.m.*

## Winnipeg Welcomes You!

Take time to explore a city known for culture, creativity, and unexpected experiences. Tourism Winnipeg has curated a special guide of dining, history, and hidden gems just for our conference attendees. Discover your Winnipeg adventure here!



[bit.ly/4eD54re](https://bit.ly/4eD54re)

## Workshops

*All workshops take place in the RBC Convention Centre and require separate registration.*

### MONDAY

**From Here to There: Connecting People and Pathways in Fisheries and Aquatic Sciences**  
Monday, 12–3 p.m. | Room 5

### WEDNESDAY

**Tools for Science Communication**  
Wednesday, 1:15–3:45 p.m. | Room 8

**Introduction to R Using Acoustic Telemetry Data**  
Wednesday, 1:30–3:30 p.m. | Room 5

**Mapping Collaborative Governance in the Great Lakes to Strengthen Science-Policy Partnerships**  
Wednesday, 1:30–4:30 p.m. | Room 17

**Integrating Human Dimension Indicators into Great Lakes Monitoring and Management**  
Wednesday, 2–4:30 p.m. | Room 15

## Social Events

You'll find a mix of our traditional gatherings like the welcome mixer and banquet along with new or tailored events. Join a fun run, or mixers for students and the 2SLGBTQIA+ community. Enjoy a journalist meet-and-greet to learn how to pitch your research, plus a film screening on river rights. More details at the QR code above.

# SPEAKERS

**TUESDAY, MAY 26**

11:30–12:30 | Room 2E-H

*Understanding Our Relations: Why Three-Eyed Seeing is significant*



## MYRLE BALLARD

Associate Professor and Tier 2 Canada Research Chair in Weaving Indigenous Science and Sustainability Science, University of Calgary

Ballard is Anishinaabe, and Canada Research Chair and associate professor in the Department of Earth, Energy, and Environment at the University of Calgary. She coined and developed the Three-Eyed Seeing Framework and its importance in conservation practices. Her research also includes the use of Anishinaabe mowin and how it can be used for baseline data used for biomonitoring and identifying indicators to transform approaches to land and water resource management. She is lead author on IPCC AR7 WG III Chapter 4 Sustainable Development and Mitigation. In November 2025 she was inducted into the Royal Society of Canada.

**WEDNESDAY, MAY 27**

11:30–12:30 | Room 2E-H

*Towards a mechanistic science of global change: from cells to ecosystems and human well-being*



## JOEY BERNHARDT

University of Guelph, SCAS's 2026 Stevenson Awardee

Bernhardt is an integrative ecologist whose research explores the drivers of biodiversity change and their implications for human well-being. Her research program addresses one of the most critical scientific challenges: how to predict future ecosystems in the context of global change. Her work advances a solution to this challenge by studying the processes that unite all of life on Earth—the metabolic processes by which living systems uptake, store, and convert energy, matter, and information from their environments to grow and persist. She combines theory, lab and field experiments, data synthesis, and community-engaged scholarship to study how living systems change as the environment changes, and what these changes mean for human well-being.

**WEDNESDAY, MAY 27**

11:30–12:30 | Room 2E-H

*Rewired watersheds and toxic blooms in northern lakes*



## IRENA CREED

University of Toronto Scarborough, SCAS's 2026 Rigler Awardee

Creed is an ecosystem scientist internationally recognized for advancing understanding of how climate change and other large-scale pressures reshape connections between northern landscapes and lakes. Her research examines the movement and transformation of water, carbon, and nutrients across coupled atmospheric-terrestrial-aquatic systems, from headwater catchments to wetlands, streams, and lakes. She has shown how watershed processes regulate material export from land to water, and how shifting landscape hydrology interacting with multiple stressors can favor or constrain harmful, toxin-producing cyanobacterial blooms. She leads interdisciplinary collaborations on climate-driven risks to freshwater ecosystems and nature-based solutions, integrating long-term observations, experiments, GIS, remote sensing, quantitative modelling, and policy partnerships.

# SPEAKERS

THURSDAY, MAY 28  
11:30–12:30 | Room 2E-H

*Eutrophication at the science-policy interface: Whole-ecosystem science, advocacy, and the challenge of translating knowledge into policy*



## SCOTT HIGGINS

Senior Research Scientist, IISD  
Experimental Lakes Area

Higgins is a senior research scientist at the IISD Experimental Lakes Area, a whole-ecosystem research program based in northwestern Ontario, Canada, focused on finding solutions to water-quality problems. His primary research interests focus on algal ecology and the effects of climate change and contaminants on freshwater ecosystems, and he has participated in large collaborative research projects on lake eutrophication, climate change, fish productivity, water diversion, and contaminants such as diluted bitumen, antimicrobial agents, and microplastics.



## ALEXIS KANU

Executive Director, Lake Winnipeg  
Foundation

Kanu is the executive director of the Lake Winnipeg Foundation (LWF), a membership-based environmental charity that advocates for evidence-based water protection. Kanu received her Ph.D. in Environmental Science & Geography from the University of Manitoba. As a student and in her early career, she gained extensive experience working with diverse organizations in the nonprofit and community-development sectors. At LWF, her work focuses on bridging the gap between science and policy-making—leveraging the commitment of LWF’s grassroots members and the expertise of a wide network of science advisors. Like many Canadians, Kanu escapes to the lake as often as she can.

## Climate Change, Extreme Events & Hydrological Dynamics

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## Intellectual Property

We encourage the sharing of science on social media, and many attendees post items of interest during the conference. However, **presentations and posters are the property of the presenter**. Please respect the presenter’s choice about sharing their work.

- If you see the “social” icon shown here, presenters have already signaled their approval to share their work on social media.
- If you don’t see it, ask permission of the presenter to record and share images.
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**Presenters, if you do NOT want your presentation shared on social media or recorded, please verbally indicate at the start of your presentation or on your poster.** If you’re okay with sharing your work on social media, please share your social media accounts to facilitate attributing your work.

Share the excellent work of people who have opted in with the hashtag #connectedwaters26

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## Stand-Alone Panel Discussions\*

TUESDAY, 3:40–5:20 | ROOM 8

**Inside the Editorial Office: Publishing  
Tips and Insights from Aquatic  
Journal Editors Panel**

*Chaired by Albana Berberi, Margaret  
Docker, Steven Cooke*

TUESDAY, 4:20–6 | ROOM 11

**Understanding the Holistic Benefits  
of Manitoba’s Inland Fisheries Panel**

*Chaired by Melanie O’Gorman,  
Solmunder Palsson, Derek Johnson, Eric  
Thrift, Caleb Hasler, Stephen Penner,  
William Galbraith*

THURSDAY, 3:40–5:20 | ROOM 17

**Student and Early Career Panel and  
Breakout**

*Chaired by Ruth Duncan, Ian Stone, Molly  
Wick, Erin Smith*

\* Several oral sessions also have panel and breakout discussions included in their schedule. All are noted on the following pages.

# TUESDAY, MAY 26, 8:00-9:20

	Room 4-N	Room 4-S	Room 5	Room 6
	<p><b>Marine Fisheries (a Canadian Perspective)</b>  <i>Chaired by David Keith, Stephanie Boudreau</i></p>	<p><b>Resilience Through Variation in a Changing World</b>  <i>Chaired by Bradley E Howell, Erin MC Stewart</i></p>	<p><b>Cumulative Effects in Aquatic Systems: Modeling Tools, Practical Applications, and the Value of Partnerships for Dealing with Multiple...</b>  <i>Chaired by Anas M. Usoof, Jordan Rosenfeld, Lauren Jarvis, Kristen Cyr, Isabelle Tormasi, Holly Mosco, Fielding Montgomery, Christina Semeniuk</i></p>	<p><b>Uniting to Advance Freshwater Oil Spill Research, Preparedness and Response</b>  <i>Chaired by Natalie Chin, Kenneth Lee, Vince Palace, Kelsey Prihoda, Lisa Isaacman</i></p>
8:00	<p><b><u>Stephanie Boudreau</u></b>            Thermal habitats of southern Gulf of St. Lawrence snow crab under climate change scenarios</p>	<p><b><u>Bradley E. Howell</u></b>            Predation on behavioural phenotypes maintains individual variation independently of trait integration</p>	<p><b><u>Paxton Calhoun</u></b>            Authoring stressor-response functions and the role of an e-library in salmonid science and management</p>	
8:20	<p><b><u>Ethan Lawler</u></b>            A high-resolution spatial stock assessment model for Arctic Surfclam in Atlantic Canada</p>	<p><b><u>Caleb Hasler</u></b>            Biological responses of juvenile brook trout (<i>Salvelinus fontinalis</i>) to the interactive effects carbon dioxide and temperature</p>	<p><b><u>Jordan Rosenfeld</u></b>            Generic stressor-response functions for modelling hypoxia impacts on fish: pragmatic approaches to assessing cumulative effects</p>	<p><b><u>Cecilia Heuvel</u></b>            A synthesis and review of oil spills in the Laurentian Great Lakes between 2015-2024</p>
8:40	<p><b><u>Zhe Yang</u></b>            Biological metrics for new emerging Iceland scallop fishery in the sub-Arctic</p>	<p><b><u>Britney Firth</u></b>            Intra- and inter-specific variation in upper thermal limits of five sand darters (<i>Ammocrypta</i>)</p>	<p><b><u>Alexandra Tekatch</u></b>            Development and Application of a Cumulative Effects Model for Prioritizing Recovery Actions (CEMPRA)</p>	<p><b><u>Mike Shriberg</u></b>            The Line 5 Pipeline Controversy: Shifting Perceptions and Outcomes</p>
9:00	<p><b><u>David Keith</u></b>            Productivity changes and trends driving the decline of scallop biomass on Georges Bank, Canada</p>	<p><b><u>Erin Stewart</u></b>            Variation in metabolic plasticity and resilience to thermal change in diverse populations of brook trout</p>	<p><b><u>Joseph Bottoms</u></b>            Applying the CEMPRA framework to streamline effects mitigation and management at BC Hydro</p>	<p><b><u>Matteo Ottaviani</u></b>            Polarimetric detection of oil spills from the spaceborne NASA PACE mission</p>
9:20	<b>Morning coffee break</b>			

## TUESDAY, MAY 26, 8:00-9:20

Room 7	Room 8	Room 9	
<p><b>At the Base of it All: Investigating and Monitoring Lower Food Webs in Large Lakes</b>  <i>Chaired by Nikolai Barulin, James Watkins, Euan Reavie, Lars Rudstam</i></p>	<p><b>Communicating Science in New Ways</b>  <i>Chaired by Claire Herbert, Yanique Campbell, Chris Hay, Sumeep Bath, Sandra Svoboda, Anna Boegehold, Stephany Hildebrand, Nicole Wood</i></p>	<p><b>Community Science in Action: Advancing Freshwater Stewardship through Volunteer Monitoring</b>  <i>Chaired by Kat Kavanagh, Emilie DeRochie</i></p>	
<p><b>Euan Reavie</b>                      The picoplankton fraction of primary producers in the Great Lakes is (probably) higher than you think</p>		<p><b>Adam G Yates</b>                      The cotton strip assay: an opportunity to enhance community-led monitoring of freshwater ecosystems</p>	8:00
<p><b>Abigail Reed</b>                      Diatoms and Changing Nutrient Dynamics in Western Lake Erie</p>		<p><b>Heather Patterson</b>                      Defining the 'Nuisance' Condition of Algae Using The Visual Assessment Survey Tool (VAST)</p>	8:20
<p><b>Leah Schleppenbach</b>                      Taxonomy and occurrence of protozoa in the Laurentian Great Lakes</p>	<p><b>Anna Boegehold</b>                      Science communication as a pillar of great lakes research</p>	<p><b>Max Herzog</b>                      Great Lakes Participatory Science Resource Hub Network</p>	8:40
<p><b>Alana Tyner</b>                      Phytoplankton dynamics before, during, and after the listing of a Great Lakes Area of Concern</p>	<p><b>Susan Debreceni</b>                      Sharing science beyond academia to increase waste literacy through community outreach, education and research.</p>	<p><b>Kat Kavanagh</b>                      Data to Action: When Community Evidence Is Designed to Matter</p>	9:00
<b>Morning coffee break</b>			9:20

Time Block  
Continues

# TUESDAY, MAY 26, 8:00-9:20

	Room 10	Room 11	Room 12
	<p><b>Research and Management in Urban Blue Spaces: Freshwater Health and Fisheries Sustainability</b></p> <p><i>Chaired by Vivian Nguyen, Sarah Lavallee, Elizabeth Nyboer, Emma Rice, Donna Kashian, William Shuster, Zayd Walid, Marie Garcia</i></p>	<p><b>Des Potes, des Poissons et du Polymorphisme - Honouring the Legacy of Dr. Louis Bernatchez</b></p> <p><i>Chaired by Matthew Yates, Margaret Docker, Clare Venney, Dylan Fraser, Daniel Heath</i></p>	<p><b>Eutrophication and Harmful Algal Blooms: Drivers, Consequences and Interventions</b></p> <p><i>Chaired by Scott Higgins, Helen Baulch</i></p>
8:00			<p><b><u>John Bratton</u></b></p> <p>Asking the right questions: Critical unknowns and recent progress in the fight against harmful algal blooms</p>
8:20	<p><b><u>Kristen Lowitt</u></b></p> <p>Exploring blue justice in Great Lakes fisheries</p>	<p><b><u>Dylan Fraser</u></b></p> <p>A giant of research with a giant heart: celebrating the career and mentoring of Louis Bernatchez</p>	<p><b><u>Kefa Otiso</u></b></p> <p>Distribution of Microcystin concentrations in Winam Gulf, Lake Victoria, Kenya</p>
8:40	<p><b><u>Jeanne L Coffin-Schmitt</u></b></p> <p>What is a minnow for? Culture, fishing, and fish consumption in urban Buffalo's Niagara River</p>	<p><b><u>Olivier Morissette</u></b></p> <p>Evolutionary dead-end or overlooked strategies of the Hudson Bay Atlantic salmon - the migratory behaviour of the Nastapoka River salmon</p>	<p><b><u>Nathan Wilson</u></b></p> <p>Canary in a coal mine: increasing cyanobacteria in the headwaters of Lake Superior</p> <p style="text-align: right;"><b>WITHDRAWN</b></p>
9:00	<p><b><u>Emma Rice</u></b></p> <p>Urban fish food systems: Insights from Detroit MI</p>	<p><b><u>Bryan Neff</u></b></p> <p>Bluegill sunfish: three decades of genetic insights into mating, parental care, and hybridization</p>	<p><b><u>Daniel G. Beach</u></b></p> <p>Cyanobacteria and Cyanotoxins in Great Slave and Dehcho-Region lakes of the Subarctic Northwest Territories</p>
9:20	<b>Morning coffee break</b>		

## TUESDAY, MAY 26, 8:00-9:20

Room 13	Room 15	Room 17	
<p><b>Legacy and Emerging Contaminants of Concern in Large and Small Lakes</b></p> <p><i>Chaired by Judith Perlinger, Marta Venier, Noel Urban</i></p>	<p><b>Wahkotowin: We Have Responsibilities to Each Other and the Water</b></p> <p><i>Chaired by Alexander Duncan, Lydia Johnson, Shayenna Nolan, Janessa Esquible, Danielle Nowosad</i></p>	<p><b>Ecological Modeling and Physical-Biological Interactions in Large Lakes and Their Watersheds</b></p> <p><i>Chaired by Mark Rowe, Reza Valipour, Spencer Gardner, Daniel Rucinski, Josef Ackerman</i></p>	
<p><b><u>Chelsea Rochman</u></b> Microplastics rapidly sink and beach in a whole-lake experiment</p>	<p><b>Opening</b></p>	<p><b><u>Joshua Berry</u></b> Interaction of temperature and turbulence on the swimming ability of larval <i>Coregonus clupeaformis</i></p>	8:00
<p><b><u>Rachel Cable</u></b> Microplastics concentration differentially affects pelagic microbial communities in a large-scale lacustrine mesocosm experiment</p>	<p><b><u>Shannon Seneca</u></b> Federal Policy, Indigenous Water Guardianship, and Source Water Protection</p>	<p><b><u>Amanda Rajala</u></b> Understanding the Limitations of Fish Performance Measures to Inform Water Use Decisions</p>	8:20
<p><b><u>Judith Perlinger</u></b> PFAS Compound Profiles in Smelt as “Fingerprints” of Sources to the Keweenaw Region of the Lake Superior Fishery</p>	<p><b><u>Andrew Muir</u></b> Shared Visions: Building Bridges, Strengthening Relations and Implementing Change</p>	<p><b><u>Alex Neumann</u></b> Modeling Internal Phosphorus Loading and Iron-P Binding in Hamilton Harbour: A Predictive Environmental Engineering Tool</p>	8:40
<p><b><u>Nia Everson</u></b> Buffalo Reef stamp sand exposure affects hatching time and neuromast development in Zebrafish (<i>Danio rerio</i>)</p>	<p><b><u>Lydia Johnson</u></b> The Indigenous Great Lakes Network: From Vision to Action</p>	<p><b><u>E. Agnes Richards</u></b> Spatial Delineation of Nutrient Hotspots in the Red-Assiniboia River Basin and the Ecological Consequences</p>	9:00
<b>Morning coffee break</b>			9:20

WITHDRAWN

# TUESDAY, MAY 26, 9:40-11:00

	Room 4-N	Room 4-S	Room 5	Room 6
	<p><b>Marine Fisheries (a Canadian Perspective)</b> <i>Chaired by David Keith, Stephanie Boudreau</i></p>	<p><b>Resilience Through Variation in a Changing World</b> <i>Chaired by Bradley E Howell, Erin MC Stewart</i></p>	<p><b>Cumulative Effects in Aquatic Systems: Modeling Tools, Practical Applications, and the Value of Partnerships for Dealing with Multiple...</b> <i>Chaired by Anas M. Usoof, Jordan Rosenfeld, Lauren Jarvis, Kristen Cyr, Isabelle Tormasi, Holly Mosco, Fielding Montgomery, Christina Semeniuk</i></p>	<p><b>Uniting to Advance Freshwater Oil Spill Research, Preparedness and Response</b> <i>Chaired by Natalie Chin, Kenneth Lee, Vince Palace, Kelsey Prihoda, Lisa Isaacman</i></p>
9:40	<p><b><u>Freya Keyser</u></b> Seasonal variability in scallop meat yield and composition relative to fishery sustainability metrics</p>	<p><b><u>Noa Mayer</u></b> Physiological and genomic evidence of differential thermal performance in Kokanee salmon (<i>Oncorhynchus nerka</i>)</p>	<p><b><u>Sierra Sullivan</u></b> Using cumulative effects modelling to quantify risks to Coastal Cutthroat Trout</p>	<p><b><u>Drew Heckman</u></b> Evaluation of low-cost in situ hydrocarbon sensors to support early detection of oil spills in the Great Lakes</p>
10:00	<p><b><u>David Keith</u></b> Distribution Shifts Assessment to describe the spatio-temporal redistribution of a shifty fish stock</p>	<p><b><u>William Bugg</u></b> Assessing Drivers of Early Marine Mortality for Juvenile Chinook salmon</p>	<p><b><u>Lauren Jarvis</u></b> A typology of cumulative effects modeling tools</p>	<p><b><u>Mohammad Madani</u></b> Advancing Oil Spill Fate and Transport Modelling in Lake Ontario</p>
10:20	<p><b><u>Kyle Wilson</u></b> Groundfish with diverse life histories increase in size and abundance with proximity to spatial protections</p>	<p><b><u>Madison Earhart</u></b> Evaluating climate change stressor resilience in wild white sturgeon populations</p>	<p><b><u>Anas Usoof</u></b> Beyond Stressor Maps: Integrating Biological Endpoints into Freshwater Management Prioritization</p>	<p><b><u>Bo Liu</u></b> Evaporation and Photooxidation of Marine Diesel and Light Crude Oil in Freshwater Wetland Mesocosms</p>
10:40	<p><b><u>Jena E. Edwards</u></b> Tracking ontogenetic shifts in Atlantic halibut residency and migration</p>	<p><b><u>Analisa Lazaro-Côté</u></b> Mucus transcriptional profiling to assess the physiological status of wild bull trout</p>	<p><b><u>Rolf Vinebrooke</u></b> Are multiple stressors weakening or strengthening stress-tolerance in aquatic communities?</p>	<p><b><u>Shanan Brun-Dabbagh</u></b> When Oil Meets Freshwater: In Situ Biodegradation and Microbial Shifts in the Straits of Mackinac</p>
11:00	<p><b>Opening Remarks</b> Room 2E-H</p>			
11:30	<p><b>Plenary by Myrle Ballard</b> Room 2E-H</p>			
12:30	<p><b>Buffet Lunch (ticket required)</b> Room 2E-H</p>			

# TUESDAY, MAY 26, 9:40-11:00

Room 7	Room 8	Room 9	
<p><b>At the Base of it All: Investigating and Monitoring Lower Food Webs in Large Lakes</b>  <i>Chaired by Nikolai Barulin, James Watkins, Euan Reavie, Lars Rudstam</i></p>	<p><b>Communicating Science in New Ways</b>  <i>Chaired by Claire Herbert, Yanique Campbell, Chris Hay, Sumeep Bath, Sandra Svoboda, Anna Boegehold, Stephany Hildebrand, Nicole Wood</i></p>	<p><b>Community Science in Action: Advancing Freshwater Stewardship through Volunteer Monitoring</b>  <i>Chaired by Kat Kavanagh, Emilie DeRochie</i></p>	
<p><b><u>Lyndsie Collis</u></b>            How do multiple stressors influence zooplankton production and trophic transfer efficiency in western Lake Erie?</p>	<p><b><u>Nicole Jung</u></b>            Crabs and Community: Relational Visions of Á,ĆEX (Dungeness Crab, Metacarcinus magister)            Stewardship in Tsawout First Nation’s QEN,T Indigenous Protected and Conserved Area</p>	<p><b><u>Patricia Chow-Fraser</u></b>            Tecta B-16 and community-based monitoring methods for monitoring fecal bacterial contamination in surface waters.</p>	9:40
<p><b><u>Anne Scofield</u></b>            Community structure and distribution of zooplankton across the Great Lakes</p>	<p><b><u>Cale Gushulak</u></b>            Ecological and Cultural Impacts of Zebra Mussel Invasion in Ebb &amp; Flow Lake, Manitoba</p>	<p><b><u>Elaine Ho-Tassone</u></b>            A Framework for Community-based Water Quality Monitoring in the Northern Great Lakes</p>	10:00
<p><b><u>Lars Rudstam</u></b>            Benthic-pelagic coupling through mysid migrations depends on bottom depth and water clarity in the Great Lakes</p>	<p><b><u>Sha Luo</u></b>            Improving Ice Safety Communication: Efficacy Cues and Narrative Context in Great Lakes Maps</p>	<p><b><u>Katelyn Brown</u></b>            Characterization of Great Lakes phyto- and bacterioplankton communities leveraging a community science approach</p>	10:20
<p><b><u>Alexander Karatayev</u></b>            Could invasive dreissenids drive Diporeia to extinction? A synthesis</p>	<p><b><u>Diane Henshel</u></b>            The evolution of the ‘imposter participant’ in the age of AI: a Great Lakes focus group case study</p>	<p><b><u>Erin Smith</u></b>            Inspiring local action for regional impact: Community Based Science in the Upper St. Lawrence River</p>	10:40
<p><b>Opening Remarks</b>            Room 2E-H</p>			11:00
<p><b>Plenary by Myrle Ballard</b>            Room 2E-H</p>			11:30
<p><b>Buffet Lunch (ticket required)</b>            Room 2E-H</p>			12:30



## TUESDAY, MAY 26, 9:40-11:00

	Room 10	Room 11	Room 12
	<p><b>Research and Management in Urban Blue Spaces: Freshwater Health and Fisheries Sustainability</b></p> <p><i>Chaired by Vivian Nguyen, Sarah Lavallee, Elizabeth Nyboer, Emma Rice, Donna Kashian, William Shuster, Zayd Walid, Marie Garcia</i></p>	<p><b>Des Potes, des Poissons et du Polymorphisme - Honouring the Legacy of Dr. Louis Bernatchez</b></p> <p><i>Chaired by Matthew Yates, Margaret Docker, Clare Venney, Dylan Fraser, Daniel Heath</i></p>	<p><b>Eutrophication and Harmful Algal Blooms: Drivers, Consequences and Interventions</b></p> <p><i>Chaired by Scott Higgins, Helen Baulch</i></p>
9:40	<p><b>Allie Johnson</b></p> <p>Water-based recreation in degraded urban blue spaces: A social-ecological-technological systems perspective</p>	<p><b>Tia Attfield</b></p> <p>The impact of captive rearing protocols on cisco (<i>Coregonus artedii</i>) epigenetics</p>	<p><b>Xuhui Huang</b></p> <p>Black Queen Dynamics and Morphology-Dependent Phage Infection in <i>Microcystis</i></p>
10:00	<p><b>Sarah Lavalée</b></p> <p>Wild food harvesting in urban blue and green spaces: A Lower Great Lakes case study</p>	<p><b>Britney Firth</b></p> <p>Impact of intergenerational enrichment on juvenile westslope cutthroat trout methylome and phenotypic traits</p>	<p><b>Justin Chaffin</b></p> <p>Anabaenopeptins in Lake Erie</p>
10:20	<p><b>Brant Muir</b></p> <p>Bioretention Treatment &amp; Spatial Prioritization for Fish Habitat Protection in Northern Lake Superior Tributaries</p>	<p><b>Clare Venney</b></p> <p>Epigenomics as a tool for salmonid conservation</p>	<p><b>Julie DePauw</b></p> <p>Contrasts in river eutrophication metrics within Lake Winnipeg and Lake Erie basins</p>
10:40	<p><b>Bryan Karney</b></p> <p>A new risk framing of Rainfall-Derived Inflow and Infiltration in Sanitary Sewers</p>	<p><b>Patricia Voyer</b></p> <p>Gene transcription profile variation among yellow perch (<i>Perca flavescens</i>) across thermal gradients at local and regional spatial scales</p>	<p><b>Ali Shakoor</b></p> <p>Using Hydroacoustics to Analyze <i>Microcystis</i> and Fish Distribution During Harmful Algal Blooms in Lake Erie.</p>
11:00	<p><b>Remarks</b> Room 2E-H</p>		
11:30	<p><b>Plenary by Myrle Ballard</b> Room 2E-H</p>		
12:30	<p><b>Buffet Lunch (ticket required)</b> Room 2E-H</p>		

## TUESDAY, MAY 26, 9:40-11:00

Room 13	Room 15	Room 17	
<p><b>Legacy and Emerging Contaminants of Concern in Large and Small Lakes</b> <i>Chaired by Judith Perlinger, Marta Venier, Noel Urban</i></p>	<p><b>Wahkotowin: We Have Responsibilities to Each Other and the Water</b> <i>Chaired by Alexander Duncan, Lydia Johnson, Shayenna Nolan, Janessa Esquible, Danielle Nowosad</i></p>	<p><b>Ecological Modeling and Physical-Biological Interactions in Large Lakes and Their Watersheds</b> <i>Chaired by Mark Rowe, Reza Valipour, Spencer Gardner, Daniel Rucinski, Josef Ackerman</i></p>	
<p><b><u>Dennis Otieno</u></b> Sediment trace element, mercury and organic pollutants from Winam Gulf, Lake Victoria, Kenya</p>	<p><b><u>Kahsennar`o:roks Deom</u></b> Governance and Relationality in Indigenous Fisheries: Community, Leadership, and Learning</p>	<p><b><u>Julie Maurer</u></b> Application of Multiple Models to Understand Nearshore Phosphorus Dynamics in Lake Ontario</p>	9:40
<p><b><u>Mahder Shumi</u></b> Cytotoxic Effects of Polluted Rivers in Addis Ababa on Rainbow Trout Cell Line; Eco-toxicological implication</p>	<p><b><u>Shayenna Nolan</u></b> Creating an Anishinaabek biocultural stream assessment with Batchewana First Nation</p>	<p><b><u>Spencer Gardner</u></b> Simulating harmful algal blooms in Lake Erie with an advanced physical-biogeochemical numerical model</p>	10:00
<p><b><u>Mike Shriberg</u></b> The Story of GLRI: Lessons Learned for Great Lakes Stewardship and Beyond</p>	<p><b><u>Amber McKay</u></b> The place of the rapids: Strengthening intercultural relationships and collective care of Nibi (water) at Bawaating</p>	<p><b><u>Dan Rucinski</u></b> HABs and Hypoxia Responses to Nutrient and Meteorological Variations Using the Lake Erie Ecosystem Model (LEEM)</p>	10:20
	<p><b><u>Jade Prange</u></b> Revitalizing Anishinaabe Inaaknigewin Relationships: Fish, Water, and Clan Governance</p>	<p><b><u>Mark Rowe</u></b> Development and Transition to Operations of a Lake Erie Harmful Algal Bloom Toxin Risk Forecast</p>	10:40
<b>Remarks</b> Room 2E-H			11:00
<b>Plenary by Myrle Ballard</b> Room 2E-H			11:30
<b>Buffet Lunch (ticket required)</b> Room 2E-H			12:30

## TUESDAY, MAY 26, 1:40-3:20

	Room 4-N	Room 4-S	Room 5	Room 6
	<p><b>Marine Fisheries (a Canadian Perspective)</b> <i>Chaired by David Keith, Stephanie Boudreau</i></p>	<p><b>Resilience Through Variation in a Changing World</b> <i>Chaired by Bradley E Howell, Erin MC Stewart</i></p>	<p><b>Cumulative Effects in Aquatic Systems: Modeling Tools, Practical Applications, and the Value of Partnerships for Dealing with Multiple...</b> <i>Chaired by Anas M. Usoof, Jordan Rosenfeld, Lauren Jarvis, Kristen Cyr, Isabelle Tormasi, Holly Mosco, Fielding Montgomery, Christina Semeniuk</i></p>	<p><b>Uniting to Advance Freshwater Oil Spill Research, Preparedness and Response</b> <i>Chaired by Natalie Chin, Kenneth Lee, Vince Palace, Kelsey Prihoda, Lisa Isaacman</i></p>
1:40	<p><b>Morgan Piczak</b> Integrating Movement Ecology of Atlantic Mackerel with Fisheries Management</p>	<p><b>Neil Mochnacz</b> Integrating adaptive capacity alters outcomes when modelling effects of warming on a cold-water fish</p>	<p><b>Craig Emmerton</b> A network approach to river monitoring and management in the diverse North Saskatchewan River basin</p>	<p><b>Centering Indigenous Voices in Freshwater Oil Spill Science and Monitoring</b></p>
2:00	<p><b>Caitlin Bate</b> Pairing Etuaptmumk (Two-Eyed Seeing) and acoustic telemetry to track Ji'kaw (Striped Bass) in Pitu'pa'q</p>	<p><b>Emiliana Swick</b> Sensor tags reveal thermal preferences of walleye and smallmouth bass in the wild</p>	<p><b>Hugo Morin-Brassard</b> Hotspot! Is heat accumulation in urban structure a burden to fish communities?</p>	
2:20	<p><b>Logan A. Reid</b> DFO Structure and Function in Fisheries Management Decision Making</p>	<p><b>Jacob Bowman</b> Autumnal cooling: Transitions in the movements of brook trout in response to expanding thermal habitat</p>	<p><b>Maria Kuruvilla</b> Cumulative effects of forest harvest on Pacific salmon in coastal British Columbia</p>	
2:40	<p><b>Carolyn Currie</b> Determining natal origins of Atlantic herring (<i>Clupea harengus</i>) in coastal Newfoundland using otolith chemistry</p>	<p><b>Rosie Smith</b> Environmental influences of migration timing of sympatric anadromous Arctic Char and Dolly Varden near Kugluktuk, Nunavut</p>	<p><b>Steven A. Robinson</b> Evaluating No Wake Zones as a Boat Wake Mitigation Strategy in a Multi-Use Recreational Waterway</p>	<p><b>Luc Philippot</b> Red River Métis-Led Oil Spill Risk Assessment of Culturally and Ecologically Important Aquatic Areas</p>
3:00	<p><b>Chris Elvidge</b> 15-Year Catch and Effort Trends in Three Canadian Atlantic Seafisheries</p>	<p><b>Snigdhodeb Dutta</b> Hydrology Mediates Cumulative Thermal Stress to Drive Nonlinear Population Declines in Brook Trout across Years</p>	<p><b>Christina Semeniuk</b> Collaborative Science for Co-occurring Stressors: Stories from the Margaree River, Cape Breton, Nova Scotia</p>	<p><b>Ashley Moerke</b> Seasonal multi-trophic level effects of light crude oil in simulated coastal wetlands</p>
3:20	<b>Afternoon coffee break</b>			

## TUESDAY, MAY 26, 1:40-3:20

Room 7	Room 8	Room 9	
<p><b>At the Base of it All: Investigating and Monitoring Lower Food Webs in Large Lakes</b>  <i>Chaired by Nikolai Barulin, James Watkins, Euan Reavie, Lars Rudstam</i></p>	<p><b>Communicating Science in New Ways</b>  <i>Chaired by Claire Herbert, Yanique Campbell, Chris Hay, Sumeep Bath, Sandra Svoboda, Anna Boegehold, Stephany Hildebrand, Nicole Wood</i></p>	<p><b>Community Science in Action: Advancing Freshwater Stewardship through Volunteer Monitoring</b>  <i>Chaired by Kat Kavanagh, Emilie DeRochie</i></p>	
<p><b><u>Lyubov Burlakova</u></b>                      Video imaging for assessment of Great Lakes benthoscapes</p>	<p><b><u>Sumeep Bath</u></b>                      Doing Science Communication. Differently.</p>	<p><b><u>Karolina Charczynska</u></b>                      A volunteer-friendly method to screen for eutrophication in nearshore waters based on TP-periphytic chlorophyll relationship</p>	1:40
<p><b><u>Nikolai V. Barulin</u></b>                      Lake Erie benthic community: current status and long-term changes</p>	<p><b><u>Karter Burgdorf</u></b>                      Cosplay and science communication: Dressing up as a dragon biologist to talk about invasive species</p>	<p><b><u>Edward Millar</u></b>                      Linking Community Science, Real-Time Observation, and Algae Monitoring in Lake Erie</p>	2:00
<p><b><u>Alexander Koeberle</u></b>                      Quantifying the scope for restoration of Great Lakes fish assemblages with linear inverse modeling</p>	<p><b><u>Yvonne Drebert</u></b>                      Broadcasting from the Deep End: Underwater Livestreaming from Remote Great Lakes Waters</p>	<p><b><u>Kerri Finlay</u></b>                      Seven Years of Community-Based Water Monitoring in Saskatchewan: Trends, Applications, and Lessons Learned</p>	2:20
<p><b><u>Christopher Yarnes</u></b>                      Advanced molecular stable isotope analysis improves contaminant monitoring of Great Lakes lower food webs</p>	<p><b><u>Nicole Wood</u></b>                      Bots, Bias, &amp; Bull: Fighting Misinformation with AI-Powered Science Communication</p>	<p><b><u>Kiersten Garside</u></b>                      Lake Erie Rangers: Building Trusted Community Data Through User-Informed Tools</p>	2:40
<p><b><u>Eric Collins</u></b>                      Metagenomic Analysis of Microbial Ecosystem Services in Lake Winnipeg</p>		<p><b><u>Luca Cargnelli</u></b>                      Engaging Great Lakes Residents Through Community-Based Science: Collecting Data and Driving Action</p>	3:00
<b>Afternoon coffee break</b>			3:20

Time Block  
Continues

## TUESDAY, MAY 26, 1:40-3:20

	Room 10	Room 11	Room 12
	<p><b>Research and Management in Urban Blue Spaces: Freshwater Health and Fisheries Sustainability</b></p> <p><i>Chaired by Vivian Nguyen, Sarah Lavallee, Elizabeth Nyboer, Emma Rice, Donna Kashian, William Shuster, Zayd Walid, Marie Garcia</i></p>	<p><b>Des Potes, des Poissons et du Polymorphisme - Honouring the Legacy of Dr. Louis Bernatchez</b></p> <p><i>Chaired by Matthew Yates, Margaret Docker, Clare Venney, Dylan Fraser, Daniel Heath</i></p>	<p><b>Eutrophication and Harmful Algal Blooms: Drivers, Consequences and Interventions</b></p> <p><i>Chaired by Scott Higgins, Helen Baulch</i></p>
1:40	<p><b><u>Jeffrey Ashby</u></b></p> <p>A Bayesian Framework for Modeling Flood-Related Emergency Service Disruption Using CRASID</p>	<p><b><u>Paige Breault</u></b></p> <p>Omics Science Transfer: Applications in Fishery Management and Conservation</p>	<p><b><u>Bradley Peter</u></b></p> <p>Tracking Cyanobacterial Blooms in Alberta Lakes with Remote Sensing</p>
2:00	<p><b><u>Paul Draus</u></b></p> <p>Strengthening ecosystem services at the hyperlocal scale through urban acupuncture methods</p>	<p><b><u>Margaret Docker</u></b></p> <p>Using eDNA and a multisector partnership to search for the elusive deepwater sculpin in Quebec</p>	<p><b><u>Peter Leavitt</u></b></p> <p>Catchment-scale effects of urban nitrogen diversion on eutrophic lakes</p>
2:20	<p><b><u>Diane Henshel</u></b></p> <p>Neighborhood Resiliency Must Come First: Bottom-up Approaches to Flood Infrastructure and Risk</p>	<p><b><u>Katrina Audet</u></b></p> <p>Advancing under-ice eDNA methods for monitoring fish biodiversity in the Canadian Arctic</p>	<p><b><u>Belinda Saint Louis</u></b></p> <p>Modeling Nutrient and HAB Connectivity to Support Management in the Maumee-Lake Erie System</p>
2:40	<p><b><u>Nathan Parr</u></b></p> <p>Planning for More Equitable Flooding Infrastructure in Lake Michigan Communities</p>	<p><b><u>Morgan Anderson</u></b></p> <p>Beyond Mitochondria: A Nuclear ITS-1 eDNA Assay for Detecting Lake Sturgeon Spawning Activity</p>	<p><b><u>Lewis Molot</u></b></p> <p>Impact of Nitrate Additions on Sediment Redox and Cyanobacteria Blooms in Two Lakes at ELA</p>
3:00	<p><b><u>Diane Henshel</u></b></p> <p>Developing Practical Flood Preparedness Guidance for Great Lakes Communities</p>	<p><b><u>Matthew Yates</u></b></p> <p>National fish eDNA survey reveals weak ecological homogenization, novel haplotypes, and phylogeography of widespread species</p>	<p><b><u>Sarah Warrack</u></b></p> <p>Forecasting Interannual Phosphorus Variability and Algal Bloom Potential in five Urban Lakes, FortWhyte Alive, Winnipeg, Manitoba</p>
3:20	<b>Afternoon coffee break</b>		

## TUESDAY, MAY 26, 1:40-3:20

Room 13	Room 15	Room 17	
<p><b>Rivers are Connectors of Land, Water &amp; People</b>  <i>Chaired by Catherine Febria, Dalal Hanna, Evan Bowness, Lauren Lawson, Abraham Francis</i></p>	<p><b>Wahkotowin: We Have Responsibilities to Each Other and the Water</b>  <i>Chaired by Alexander Duncan, Lydia Johnson, Shayenna Nolan, Janessa Esquible, Danielle Nowosad</i></p>	<p><b>Ecological Modeling and Physical-Biological Interactions in Large Lakes and Their Watersheds</b>  <i>Chaired by Mark Rowe, Reza Valipour, Spencer Gardner, Daniel Rucinski, Josef Ackerman</i></p>	
<p><b><u>Thiranya Weerakoon</u></b>            Assessing stream habitats that support Unionid Species at Risk: Insights for Land-based stewardship</p>	<p><b><u>Bryan Loucks</u></b>            Strengthening our Understanding of Inaaknigewin and Upholding Our Responsibilities to All of our Relations</p>	<p><b><u>Meena Raju</u></b>            Linking hydrodynamics and biogeochemistry in Lake Michigan-Huron Using MOM6-SIS2-COBALT3</p>	1:40
<p><b><u>Dalal Hanna</u></b>            Introducing MacroBlitz - inspiring and empowering people of all backgrounds to document aquatic macroinvertebrates using iNaturalist</p>		<p><b><u>Reza Valipour</u></b>            Modelling dreissenid mussel nutrient recycling and Cladophora dynamics in Lake Erie nearshore waters</p>	2:00
<p><b><u>Dalal Hanna</u></b>            Land-based learning as a catalyst for freshwater stewardship</p>	<p><b><u>Ruth Duncan</u></b>            More Than Contaminants: Understanding Risk, Knowledge, and Food in Mi'gmaq Territory</p>		2:20
<p><b><u>Mary-Claire Buell</u></b>            Beyond Mercury: Community-Led Risk Assessment of Cumulative Impacts on the Moose River and Her Tributaries in Moose Cree First Nation Territory</p>	<p><b><u>Alexander Duncan</u></b>            Intentional introduction of invasive species: A Summary of Saugeen Ojibway Nation Knowledge and Perspectives of Fish Stocking with some Western Science Additions</p>		2:40
<p><b><u>Catherine Febria</u></b>            Bringing together river science, stewardship and storytelling to establish a community of practice</p>	<p><b><u>Charles Levkoe</u></b>            Advancing Self-Determination and Resurgence through Indigenous Approaches to Fisheries Management on Lake Superior: Reflections on an Indigenous-Settler Partnership</p>		3:00
<b>Afternoon coffee break</b>			3:20

# TUESDAY, MAY 26, 3:40-5:40

	Room 4-N	Room 4-S	Room 5	Room 6
	<p><b>Marine Fisheries (a Canadian Perspective)</b> <i>Chaired by David Keith, Stephanie Boudreau</i></p>	<p><b>Resilience Through Variation in a Changing World</b> <i>Chaired by Bradley E Howell, Erin MC Stewart</i></p>	<p><b>Cumulative Effects in Aquatic Systems: Modeling Tools, Practical Applications, and the Value of Partnerships for Dealing with Multiple...</b> <i>Chaired by Anas M. Usoof, Jordan Rosenfeld, Lauren Jarvis, Kristen Cyr, Isabelle Tormasi, Holly Mosco, Fielding Montgomery, Christina Semeniuk</i></p>	<p><b>Uniting to Advance Freshwater Oil Spill Research, Preparedness and Response</b> <i>Chaired by Natalie Chin, Kenneth Lee, Vince Palace, Kelsey Prihoda, Lisa Isaacman</i></p>
3:40	<p><b><u>Danielle Baribeau</u></b> A multispecies model of future demersal fish communities on the Eastern Scotian Shelf</p>	<p><b><u>Jean-Michel O. Matte</u></b> Fifty years of size-at-age change in juvenile Atlantic salmon and environmental drivers</p>	<p><b><u>Michael Sullivan</u></b> Cumulative effects modelling of Alberta's blue-ribbon trout fishery, and why models fail</p>	<p><b><u>Michael R. Twiss</u></b> Impacts of marine diesel and light crude oil on Great Lakes phytoplankton community composition and population dynamics</p>
4:00	<p><b><u>Frank Vattheuer</u></b> Nonlinear Investigations of NAFO 4X5Y Haddock Trawl Catch-Effort Dynamics</p>	<p><b><u>Jonathan Truscott</u></b> Assessing the influence of thiamine deficiency as a potential threat to lake whitefish recovery</p>	<p><b><u>Jennifer Lento</u></b> Quantifying the intangible: Linking flow variability and well-being to water governance in a large regulated river in Atlantic Canada</p>	<p><b><u>Verena Kalter</u></b> Oil Biodegradation in the Great Lakes - First Insights from an In-Situ Study</p>
4:20	<p><b><u>François Turcotte</u></b> Defining a biomass limit reference point under decreasing stock productivity: NAFO 4T Atlantic cod</p>	<p><b><u>Adam Delage</u></b> Trophic and life history diversification in lake trout across a gradient of ecosystem size</p>	<p><b><u>Marianne Falardeau</u></b> From rivers to sea and well-being: Iqaluppiq community-based research to support sustainable fisheries in the changing Ungava Bay</p>	<p><b><u>Kenneth Lee</u></b> Advances in Freshwater Oil Spill Research, Preparedness and Response: Canada's Multi-Partner Research Initiative</p>
4:40	<p><b><u>Jonah Koscielny</u></b> Comparing Bayesian Schaefer Model Performance using Different Indices of Abundance</p>	<p><b><u>Tom Johnston</u></b> Trophic diversification in north temperate freshwater food webs: habitat generalists vs habitat specialists</p>	<p><b><u>Kaitlyn Fleming</u></b> From Harvest to Model to Consumption: A Decision Framework for Mercury in Community Fish Monitoring</p>	
5:00		<p><b><u>Beatrix Beisner</u></b> Phytoplankton diversity strongly related to mixotroph prevalence in North American lakes</p>	<p><b><u>Ken Jeffries</u></b> Collaborative Research Across Sectors with the Goal of Bull Trout Conservation in Canada</p>	
5:20		<p><b><u>Heather Bauer Reid</u></b> Temperature effects on metabolism of pumpkinseed (<i>Lepomis gibbosus</i>) populations across a life history continuum</p>		

# TUESDAY, MAY 26, 3:40-5:40

Room 7	Room 8	Room 9	
<p><b>At the Base of it All: Investigating and Monitoring Lower Food Webs in Large Lakes</b>  <i>Chaired by Nikolai Barulin, James Watkins, Euan Reavie, Lars Rudstam</i></p>		<p><b>Community Science in Action: Advancing Freshwater Stewardship through Volunteer Monitoring</b>  <i>Chaired by Kat Kavanagh, Emilie DeRochie</i></p>	
<p><b><u>Joshua Thienpont</u></b>            A paleolimnological assessment of nearshore environments in Lake Huron near the Bruce Power Generating Station</p>	<p><b>Inside the Editorial Office: Publishing Tips and Insights from Aquatic Journal Editors Panel</b>  <i>Chaired by Albana Berberi, Margaret Docker, Steven Cooke</i></p>	<p><b><u>Gavin Vance</u></b>            Empowering and Engaging Community Stewards: Input and Feedback from Over 200 Volunteer Community Scientists</p>	3:40
<p><b><u>S. Morgaine McKibben</u></b>            NASA's hyperspectral PACE mission: Advancing space-based aquatic applications</p>		<p><b><u>Happiness A Moshi</u></b>            Role of Citizen Science in Monitoring Nutrients Pollution in Lake Tanganyika Coastal Waters</p>	4:00
			4:20
			4:40
			5:00
			5:20

**Time Block Continues**

## TUESDAY, MAY 26, 3:40-5:40

	Room 10	Room 11	Room 12
	<p><b>Research and Management in Urban Blue Spaces: Freshwater Health and Fisheries Sustainability</b></p> <p><i>Chaired by Vivian Nguyen, Sarah Lavallee, Elizabeth Nyboer, Emma Rice, Donna Kashian, William Shuster, Zayd Walid, Marie Garcia</i></p>	<p><b>Des Potes, des Poissons et du Polymorphisme - Honouring the Legacy of Dr. Louis Bernatchez</b></p> <p><i>Chaired by Matthew Yates, Margaret Docker, Clare Venney, Dylan Fraser, Daniel Heath</i></p>	<p><b>Eutrophication and Harmful Algal Blooms: Drivers, Consequences and Interventions</b></p> <p><i>Chaired by Scott Higgins, Helen Baulch</i></p>
3:40	<b>Panel</b>	<p><b><u>Kiran Hazra</u></b></p> <p>Phylogeographic history of rainbow smelt (<i>Osmerus mordax</i>) in the St. Lawrence Valley</p>	<p><b><u>Mark Olokotum</u></b></p> <p>Planktonic communities exhibit differential responses to nutrient and fish additions from micro and mesocosm experiments</p>
4:00		<p><b><u>Amanda Ackiss</u></b></p> <p>Recreating the historic landscape of Lake Michigan Cisco through genotyped archival fish scales</p>	<p><b><u>Manuela Gutiérrez Ospina</u></b></p> <p>Zooplankton community responses to a mitigation strategy for harmful algal blooms</p>
4:20		<p><b><u>Understanding the Holistic Benefits of Manitoba's Inland Fisheries Panel</u></b></p> <p>Chaired by Melanie O'Gorman, Solmunder Palsson, Derek Johnson, Eric Thrift, Caleb Hasler, Stephen Penner, William Galbraith</p>	<p><b><u>Ryan Kar-Long Leung</u></b></p> <p>Sediment eDNA Assessment of Benthic Biodiversity Impacts from Freshwater Net-Pen Waste Deposition</p>
4:40			
5:00			
5:20			

## TUESDAY, MAY 26, 3:40-5:40

Room 13	Room 15	Room 17	
<p><b>Rivers are Connectors of Land, Water &amp; People</b>  <i>Chaired by Catherine Febria, Dalal Hanna, Evan Bowness, Lauren Lawson, Abraham Francis</i></p>	<p><b>Wahkotowin: We Have Responsibilities to Each Other and the Water</b>  <i>Chaired by Alexander Duncan, Lydia Johnson, Shayenna Nolan, Janessa Esquible, Danielle Nowosad</i></p>	<p><b>Watershed Best Management Practices to Restore Soil Health and Water Quality</b>  <i>Chaired by Angelica Vazquez-Ortega</i></p>	
<p><b>Frank Nansereko</b>            Post COVID-19 impacts of the Upper Victoria Nile Fisheries</p>	<p><b>Isabella Badon</b>            Strengthening Indigenous-Agency partnerships for the sea lamprey control program in the Great Lakes</p>	<p><b>Lakshan Beligala</b>            Assessing Biogeochemical Processes Governing Phosphate Sequestration in Legacy Phosphorus Fields</p>	3:40
<p><b>Chris Adams</b>            Restoring Netley-Libau Marsh: A Collaborative Model for Recovery in North America's Largest Freshwater Coastal Wetland</p>	<p><b>Breakout and Discussion</b></p>	<p><b>Salim Shamsu-Deen Mohammed</b>            Biological Cycling of Phosphate in Agricultural Soils Amended with Dredged Materials</p>	4:00
<p><b>Evan Bowness</b>            Seeing Rivers Together: An Unconference Photovoice Activity for River Caretaking</p>		<p><b>Katarina Kieffer</b>            Comparing Soil Organic Matter in Dredged Material and Farm Soil with Humeomics and PARAFAC</p>	4:20
<p><b>Katie Stammler</b>            Building Incentive Programs That Match Local Needs Results in Greater Uptake</p>		<p><b>Nicholas Maleski</b>            Edge Of Field Monitoring of Agricultural Fields Amended with Dredged Sediments</p>	4:40
<p><b>Abraham Francis</b>            Ohenton Karihwaterhkwen (Words that come before all else): Opening a conversation on the rights of rivers</p>		<p><b>Shikshya Gautam</b>            Analyzing Soil Microbial Diversity in Organically Managed Fields Amended with Dredged Material in Northwest Ohio</p>	5:00
			5:20

# WEDNESDAY, MAY 27, 8:00-9:20

	Room 4-N	Room 4-S	Room 5	Room 6
	<p><b>Invasive Species Research and Communication</b>  <i>Chaired by Rochelle Sturtevant, El Lower</i></p>	<p><b>Antimicrobials in Freshwaters: Chemistry, Fate, and One Health Risks</b>  <i>Chaired by Karen Kidd, Milena Esser, Alex Pelletier, Raina Hubley, Pepe Rodriguez</i></p>	<p><b>What Tools to Use? Matching Genetic and Genomic Tools to Management Issues</b>  <i>Chaired by Chris Wilson, Mark Christie</i></p>	<p><b>Priorities for Diversity, Equity, Inclusion &amp; Accessibility in Aquatic Sciences</b>  <i>Chaired by Jerome Marty, Morgan Piczak, Christine Madliger, Gadfly Stratton, Andrea Kirkwood</i></p>
8:00		<p><b><u>Raina Hubley</u></b>            Effects of Benzalkonium Chloride on the Fathead Minnow (Pimephales Promelas) Proteome</p>		<p><b><u>Morgan Piczak</u></b>            Making aquatic sciences more Diverse, Equitable, Inclusive, and Accessible: Perspectives on how individuals can take action in their professional practice</p>
8:20	<p><b><u>Rochelle Sturtevant</u></b>            Representing change in historic databases</p>	<p><b><u>Karen Kidd</u></b>            Fathead minnows have male-biased gut microbiome responses to the antimicrobial benzalkonium chloride</p>	<p><b><u>Espérance Musombwa Kubota</u></b>            New skygazer catfish from Iowa Basin reveals Anoplopterus kivuensis species complex</p>	<p><b><u>Bradley E. Howell</u></b>            Advancing equitable conference and networking opportunities for early-career aquatic scientists in Canada</p>
8:40	<p><b><u>Meagan Harper</u></b>            A systematic review of the effectiveness of invasive aquatic plant control methods in Canada</p>	<p><b><u>Sara Gharouni Saffar</u></b>            Effects of Benzalkonium Chloride on Aquatic Insect and Spider Microbiomes in a Whole-Lake Experiment</p>	<p><b><u>Holly Mosco</u></b>            Epidermal Mucus Swabbing: Field Validating a Non-Invasive Method for Measuring Transcriptional Stress in Juvenile Salmonids</p>	<p><b><u>Gadfly Stratton</u></b>            A seat in the audience or a seat at the table?: Experiences of marginalized genders in the sciences</p>
9:00	<p><b><u>Jennifer R. Powell</u></b>            A community-science approach to Eurasian Water-milfoil (Myriophyllum spicatum) control in critical fish habitat.</p>	<p><b><u>Milena Esser</u></b>            Metamorphosis and pollution shape aquatic insect-associated microbial communities</p>	<p><b><u>Melvin Kerubo Ondiba</u></b>            Biodiversity Assessment of Rivers, Lakes, and Wetlands Flowing into Lake Victoria using eDNA Metabarcoding Approach</p>	<p><b><u>Anas Usoof</u></b>            Inclusive Limnology: Community Experiences, Barriers, and Opportunities</p>
9:20	<b>Morning coffee break</b>			

## WEDNESDAY, MAY 27, 8:00-9:20

Room 7	Room 8	Room 9	
<p><b>Ecology and Management Challenges of Shallow Large Lakes in a Changing World</b> <i>Chaired by George Bullerjahn, Boglarka Somogyi, R. Michael McKay, Emily Chase</i></p>	<p><b>General Contributions</b> <i>Chaired by Kathryn Peiman, Karen Smokorowski</i></p>	<p><b>Community Monitoring Full Circle: From Data to Science, Policy and Action</b> <i>Chaired by Patrick Schaefer, Chelsea Lobson</i></p>	
<p><b><u>Katelyn Brown</u></b> Microbial community composition and biogeochemical potential response to extended hypolimnetic hypoxia in the Lake Erie western basin</p>		<p><b><u>Georgia Peck</u></b> From Shoreline Data to Decision-Making: A Community-Led Approach to Lake Stewardship</p>	8:00
<p><b><u>Margaret Rettig</u></b> Cyanobacterial associations underlie spatial variation in fungal community composition in Lake Victoria's Winam Gulf</p>	<p><b><u>Peter Flood</u></b> Using the past to inform the future of bloater restoration in Lake Ontario</p>	<p><b><u>Caity Zimmermann</u></b> Community-based Monitoring in the Athabasca Watershed: Lessons from Practice</p>	8:20
<p><b><u>Emily Chase</u></b> Tales of Lake Erie viruses using TALE/GALE</p>	<p><b><u>Isaac Henderson</u></b> Using functional trait diversity to identify conservation priority regions for freshwater fishes and mussels</p>	<p><b><u>Kurstyn Perrin</u></b> Shared Waters, Shared Responsibility: Community-Based Monitoring in Alberta</p>	8:40
<p><b><u>Julia Obuya</u></b> Linking Cage Aquaculture Intensification to Phytoplankton Dynamics in Winam Gulf, Lake Victoria</p>	<p><b><u>David Gallagher</u></b> Evaluating eDNA metabarcoding for fish community sampling on a remote freshwater archipelago</p>	<p><b><u>Zira MacFarlane</u></b> Do neighborhoods shape neighbors? Impacts of Urbanization on Frog Community Structure</p>	9:00
<b>Morning coffee break</b>			9:20

Time Block  
Continues

## WEDNESDAY, MAY 27, 8:00-9:20

	Room 10	Room 11	Room 12
	<p><b>Impacts of Climate Change on Large and Small Lakes</b>  <i>Chaired by Noel Urban, Scott Higgins, John Lenters, Peter Blanken</i></p>	<p><b>Fish, Fisheries Management, and Stock Assessment (Part 1)</b>  <i>Chaired by Wendylee Stott, Vince Palace</i></p>	<p><b>Shifting Dynamics in a Changing North: Linking Ecosystems and Knowledge Systems to Understand Biodiversity and Trophic Change in Arctic...</b>  <i>Chaired by Darcy McNicholl, Paloma Carvalho, Laurissa Christie, Allison Drake</i></p>
8:00	<p><b><u>Michael Paterson</u></b>            A long-term whole-lake diversion experiment to examine the effects of changes in hydrologic inflows</p>		<p><b><u>Kelsey F. Johnson</u></b>            Trophic structure and isotopic niche dynamics of Tasiujaq (Eclipse Sound, Nunavut, Canada) marine food web</p>
8:20	<p><b><u>Sonya Havens</u></b>            Darkening waters: climate-induced shifts in precipitation and DOM reduced phytoplankton but not zooplankton in dimictic boreal lakes.</p>	<p><b><u>Begemann Lindsay</u></b>            How do we Evaluate the Effectiveness of a Fishery Closure?</p>	<p><b><u>Caitlyn Friesen</u></b>            Sockeye salmon <i>Oncorhynchus nerka</i> marine resource use in the Beaufort Sea</p>
8:40	<p><b><u>Noel Urban</u></b>            Will CO2 induce Great Lakes Acidification?</p>	<p><b><u>Paul Venturelli</u></b>            Minimum sample sizes and conversion factors for turning cheap app data into expensive creel metrics</p>	<p><b><u>Natalie Vachon</u></b>            Trophic interactions, food web properties, and community composition around the Belcher Islands, Nunavut</p>
9:00	<p><b><u>Paul Blanchfield</u></b>            The response of lake trout to an experimental reduction in oxythermal habitat</p>	<p><b><u>Amelia McReynolds</u></b>            Vessel avoidance by pelagic forage fishes during acoustic/trawl surveys conducted with a hybrid-electric research vessel</p>	<p><b><u>Paloma Carvalho</u></b>            2D to 3D: Exploring variation of niche dimensionality across consumers in a coastal Arctic ecosystem</p>
9:20	<b>Morning coffee break</b>		

## WEDNESDAY, MAY 27, 8:00-9:20

Room 13	Room 15	Room 17	
<p><b>Working Across Different Ways of Knowing: Creating Meaningful Partnerships</b> <i>Chaired by Ben Maracle, Rewa Phansalkar</i></p>	<p><b>Traditional Ecological Knowledge Mitigating Climate Change and Water Protection</b> <i>Chaired by Dawn Martin-Hill, Gail Krantzberg</i></p>	<p><b>Estuaries, Coasts, and Oceans</b> <i>Chaired by Ken Jeffries</i></p>	
<p><b><u>Kevin J. White</u></b> Orality and Storytelling: An Experiential Class</p>	<p><b><u>Rohini Gupta</u></b> An Indigenous-Led Mapping Tool for Community-Based Drinking Water Assessment</p>		8:00
<p><b><u>Ryan Ransom</u></b> Two-eyed seeing: Combining Indigenous Knowledge and Western Knowledge</p>	<p><b><u>Avneet Kaur</u></b> Centering Indigenous Perspectives on Climate Migration to the Great Lakes: Insights from Receiving Communities</p>	<p><b><u>Thomas Drover</u></b> Inferring long-term forage fish and coastal ecosystem dynamics from estuarine sediments</p>	8:20
<p><b><u>Sarah Buffett</u></b> From Clouds to Streams: A Process-Oriented Indigenous Research Methodology</p>	<p><b><u>Nevaeh Marshall</u></b> Climate Change Impacts on Plants in Haudenosaunee Homelands Across the Eastern Great Lakes Region</p>	<p><b><u>Philippe Fernandez-Fournier</u></b> Tropicalized by distant relatives: ocean warming reshapes the evolutionary makeup of fish assemblages</p>	8:40
<p><b><u>K. Leora Gansworth</u></b> Eels Back: Confronting Decades of Mismanagement</p>	<p><b><u>Matt McDougall</u></b> Incorporating Inuit Qaujimagatuqangit (IQ) into scientific program design and decision making in Nunavut</p>	<p><b><u>Amber Schmidt</u></b> A comparative approach to quantifying the ecological impacts of nearshore reefs in southern Lake Michigan</p>	9:00
<b>Morning coffee break</b>			9:20

# WEDNESDAY, MAY 27, 9:40-11:00

	Room 4-N	Room 4-S	Room 5	Room 6
	<p><b>Invasive Species Research and Communication</b> <i>Chaired by Rochelle Sturtevant, El Lower</i></p>	<p><b>Antimicrobials in Freshwaters: Chemistry, Fate, and One Health Risks</b> <i>Chaired by Karen Kidd, Milena Esser, Alex Pelletier, Raina Hubley, Pepe Rodriguez</i></p>	<p><b>What Tools to Use? Matching Genetic and Genomic Tools to Management Issues</b> <i>Chaired by Chris Wilson, Mark Christie</i></p>	<p><b>Priorities for Diversity, Equity, Inclusion &amp; Accessibility in Aquatic Sciences</b> <i>Chaired by Jerome Marty, Morgan Piczak, Christine Madliger, Gadfly Stratton, Andrea Kirkwood</i></p>
9:40	<p><b>Lana Fanberg</b> Reduction in Zooplankton Density in Ballast Water After Treatment Using Shipboard Ballast Water Management Systems</p>	<p><b>Judith Cristobal</b> Pharmaceuticals, Personal Care Products, and Antimicrobial Resistance in Wastewater: Implications for the Great Lakes Ecosystem</p>	<p><b>Jocelyn Plouffe</b> Using Real-Time DNA Sequencing for Aquatic Microbial Monitoring of Remote Environments</p>	<p><b>Sandra Klemet-N'Guessan</b> « Je n'ai rien compris ! » Leveraging linguistic diversity to enhance science inclusion and accessibility</p>
10:00	<p><b>Ipaalo Ndhlovu</b> Nutritional Value of the Red Claw Crayfish (<i>Cherax quadricarinatus</i>, von Martens 1898): Potential for Animal and Human Nutrition.</p>	<p><b>Ahana Shamamba Gisèle</b> Impact of chemical treatment of Bralima-Bukavu wastewater on the Lake Kivu coastal zooplankton, South Kivu, DRC</p>	<p><b>Joan Rose</b> Advancing Molecular Technologies and Microbial Water Quality Assessment in the Great Lakes Basin.</p>	<p><b>Diane Umutoni</b> Bridging Gender Gaps for Improved African Great Lakes Health</p>
10:20	<p><b>Kiley Sims</b> Hybridization between invasive brown trout and Atlantic salmon across rivers in Newfoundland</p>		<p><b>Samantha Brunner</b> GT-seq SNP panel streamlines pedigree-based genetic monitoring of sea lamprey</p>	<p><b>Emilie DeRochie</b> The River Strategy: A framework for more inclusive and equitable communication and collaboration along the St. Lawrence River</p>
10:40				<p><b>Madison Earhart</b> Implementing department-wide equity, diversity, and inclusion training initiatives</p>
11:00	<p><b>Remarks &amp; Presentation of IAGLR Student Awards</b> Room 2E-H</p>			
11:30	<p><b>Plenary by Joey Bernhardt &amp; Irena Creed</b> Room 2E-H</p>			
12:30	<p><b>Lunch (on your own) / Field Trips / Workshops</b></p>			

## WEDNESDAY, MAY 27, 9:40-11:00

Room 7	Room 8	Room 9	
<p><b>Ecology and Management Challenges of Shallow Large Lakes in a Changing World</b> <i>Chaired by George Bullerjahn, Boglarka Somogyi, R. Michael McKay, Emily Chase</i></p>	<p><b>General Contributions</b> <i>Chaired by Kathryn Peiman, Karen Smokorowski</i></p>	<p><b>Community Monitoring Full Circle: From Data to Science, Policy and Action</b> <i>Chaired by Patrick Schaefer, Chelsea Lobson</i></p>	
<p><b>Brittany N. Zepernick</b> Diel dynamics of Microcystis ecophysiology in Lake Erie</p>	<p><b>Dylan McNay</b> Discovery of beetles in diets of vernal pond water mites using next generation sequencing techniques</p>	<p><b>Chelsea Lobson</b> Completing the data-to-impact cycle: The Lake Winnipeg Community-Based Monitoring Network</p>	9:40
<p><b>Boglárka Somogyi</b> Disruption of benthic-pelagic coupling drives algal blooms in a large shallow lake</p>	<p><b>Raegan Davis</b> Estimating fish stranding mortality downstream of a hydropeaking dam in northern Ontario</p>	<p><b>Geoffrey Gunn</b> Informing Canada's Water Security: Update on the National Freshwater Data Strategy</p>	10:00
	<p><b>Caleb Geister</b> Comparing fatty acid signatures of lake trout and their prey from Lakes Ontario and Superior</p>	<p><b>Jessica Lagroix</b> Streams of Knowledge: Bridging local and continental freshwater stewardship with DataStream</p>	10:20
			10:40
<b>Remarks &amp; Presentation of IAGLR Student Awards</b> Room 2E-H			11:00
<b>Plenary by Joey Bernhardt &amp; Irena Creed</b> Room 2E-H			11:30
<b>Lunch (on your own) / Field Trips / Workshops</b>			12:30

Time Block  
Continues

# WEDNESDAY, MAY 27, 9:40-11:00

	Room 10	Room 11	Room 12
	<p><b>Impacts of Climate Change on Large and Small Lakes</b>  <i>Chaired by Noel Urban, Scott Higgins, John Lenters, Peter Blanken</i></p>	<p><b>Fish, Fisheries Management, and Stock Assessment (Part 1)</b>  <i>Chaired by Wendylee Stott, Vince Palace</i></p>	<p><b>Shifting Dynamics in a Changing North: Linking Ecosystems and Knowledge Systems to Understand Biodiversity and Trophic Change in Arctic...</b>  <i>Chaired by Darcy McNicholl, Paloma Carvalho, Laurissa Christie, Allison Drake</i></p>
9:40	<p><b>Lucas Moura</b>                      Long-term lake surface temperature trends in the Omineca Region, northern interior British Columbia</p> <p style="text-align: center; font-size: 2em; font-weight: bold; transform: rotate(-30deg);">WITHDRAWN</p>	<p><b>Julianne Breton</b>                      Petits cours d'eau et cours d'eau intermittents : habitats clés pour l'omble de fontaine</p>	<p><b>Miranda Bilous</b>                      Species shifts in a warming Arctic: Assessing establishment potential of invasive pink salmon</p>
10:00	<p><b>John Lenters</b>                      Lake Superior Ice Cover, Evaporation, and Water Temperature: A New Look at an Old Problem</p>	<p><b>Adam Lepage</b>                      Lake Charr (<i>Salvelinus namaycush</i>) Recovery in Industrially Impacted Sudbury Lakes</p>	<p><b>Kaitlyn Cothran</b>                      Use of Sediment Cores to Reconstruct Historical Populations of Northern Atlantic Eiders</p>
10:20	<p><b>Mike Shriberg</b>                      Societal Impacts of Great Lakes Ice Decline - A Preliminary Qualitative Study</p>	<p><b>Brock Mihell</b>                      Gamete quality and reproductive performance in relation to adult traits in Lake Trout</p>	<p><b>Darcy McNicholl</b>                      A food web for the decade: Temporal variation in trophic structure of coastal fishes during 2014-2024 in a western Canadian Arctic MPA</p>
10:40		<p><b>Wendylee Stott</b>                      Genomic Structure and Diversity of Lake Whitefish (<i>Coregonus clupeaformis</i>) from Lake Ontario</p>	
11:00	<p><b>Remarks &amp; Presentation of IAGLR Student Awards</b>                      Room 2E-H</p>		
11:30	<p><b>Plenary by Joey Bernhardt &amp; Irena Creed</b>                      Room 2E-H</p>		
12:30	<p><b>Lunch (on your own) / Field Trips / Workshops</b></p>		

## WEDNESDAY, MAY 27, 9:40-11:00

Room 13	Room 15	Room 17	
<p><b>Working Across Different Ways of Knowing: Creating Meaningful Partnerships</b> <i>Chaired by Ben Maracle, Rewa Phansalkar</i></p>	<p><b>Traditional Ecological Knowledge Mitigating Climate Change and Water Protection</b> <i>Chaired by Dawn Martin-Hill, Gail Krantzberg</i></p>	<p><b>Estuaries, Coasts, and Oceans</b> <i>Chaired by Ken Jeffries</i></p>	
<p><b>Nathalie Kuria</b> Spatial Distribution and Exposure Assessment of PFAS in Fish from First Nations Territories</p>	<p><b>Colin Gibson</b> Panel on Haudenosaunee-led Research and Training for Water Protection and Climate Resilience</p>	<p><b>Ken Jeffries</b> Dietary risks of persistent contaminants in softshell clam <i>Mya truncata</i> near Qikiqtarjuaq, Nunavut</p>	9:40
<p><b>Jill Furgurson</b> From Engagement to Ethical Space and Two-Eyed Seeing: Lessons from Tribal/Researcher Partnerships on Genetic Biocontrol</p>		<p><b>David Scott</b> Physiology and infectious agents in subyearling migrating Chinook salmon in the Fraser River estuary, B.C.</p>	10:00
<p><b>Panel</b></p>	<p><b>Closing remarks- Panel on Haudenosaunee-led Research and Training for Water Protection and Climate Resilience</b></p>		10:20
			10:40
<p><b>Remarks &amp; Presentation of IAGLR Student Awards</b> Room 2E-H</p>			11:00
<p><b>Plenary by Joey Bernhardt &amp; Irena Creed</b> Room 2E-H</p>			11:30
<p><b>Lunch (on your own) / Field Trips / Workshops</b></p>			12:30

# THURSDAY, MAY 28, 8:00-9:20

	Room 4-N	Room 4-S	Room 5	Room 6
	<p><b>Ancient Fish, Modern Challenges: Lamprey Evolution, Biology, and Management</b>  <i>Chaired by Margaret Docker, John Hume, Samantha Brunner, Michael Wilkie</i></p>	<p><b>Navigating Currents of Power in Social-Ecological Aquatic Systems</b>  <i>Chaired by Sara Cannon, Jared Connoy</i></p>	<p><b>Advances in Hydroclimate Modeling and Data to Support Great Lakes Adaptive Management</b>  <i>Chaired by Frank Seglenieks, Lauren Fry, Deanna Fielder, Scott Steinschneider, Dani Jones, David Cannon</i></p>	<p><b>Long-Term Datasets to Address Aquatic Environmental Challenges</b>  <i>Chaired by Branaavan Sivarajah, Cale A C Gushulak</i></p>
8:00		<p><b>Sal Suri</b>            Colonial Locks and the Ecology of Infrastructure: The Sea Lamprey's movement through the St. Lawrence Seaway</p>		
8:20	<p><b>Margaret Docker</b>            A giant in the Great Lakes and lamprey community: A tribute to Bill (F.W.H.) Beamish</p>	<p><b>Patricia Wood</b>            Lake Nipigon as Communication, Transportation &amp; Political Infrastructure under Extractivist Colonialism</p>	<p><b>Lauren Fry</b>            Leveraging IAGLR to advance research into applications by the Great Lakes - St. Lawrence River Adaptive Management Committee</p>	<p><b>Dunia Roba</b>            Dissolved organic matter as an ecological tracer of human impacts on watersheds of southwestern Ontario, Canada.</p>
8:40	<p><b>Jaanus Suurväli</b>            Native or invasive? Reconstructing the history of sea lamprey colonization of the Great Lakes basin using whole genome sequences</p>	<p><b>Sohail Rai de Haan</b>            The Limnology of Lake Nipigon as case study in the History of Science and Colonialism</p>	<p><b>Songzhi Liu</b>            Extending the Great Lakes GLSEA Surface Temperature Record using OISST (1981-Present)</p>	<p><b>Nathan Manning</b>            Lake Erie Tribs: Updates from the Heidelberg Tributary Loading Program</p>
9:00	<p><b>Inês de Castro Oliveira</b>            Gene expression divergence in the European lamprey <i>Lampetra fluviatilis</i> and <i>L. planeri</i> species pair</p>	<p><b>Jared Connoy</b>            New problems, old solutions? Using night fishing to minimize bycatch mortality of Pacific salmon</p>	<p><b>Jamie Ward</b>            Using seasonal buoy observations to characterize warm-season Lake St. Clair over-lake evaporation</p>	<p><b>Wes Moir</b>            Looking Back to Move Forward: Tracking Temporal Change in Benthic Macroinvertebrate Communities Under Cumulative Stressors</p>
9:20	<b>Morning coffee break</b>			

# THURSDAY, MAY 28, 8:00-9:20

Room 7	Room 8	Room 9	
<p><b>Advances in Fish Bioenergetics</b>  <i>Chaired by Jacob Brownscombe, Neil Mochnac, Matthew Guzzo</i></p>	<p><b>Bridging Social Dimensions Research and Practice in Fisheries</b>  <i>Chaired by Vivian Nguyen, Andrew Muir, Jeanne Coffin-Schmitt</i></p>	<p><b>Indigenous Knowledges and Sciences for Plural Approaches to Water Governance</b>  <i>Chaired by Kianna Durston, Daniel Gladu-Kanu, Navjot Dhaliwal, Edwin Wagah, Dilber Yunus, Phoolman Chaudhary</i></p>	
<p><b><u>Timothy B. Johnson</u></b>            Great Lakes Aquatic Tissue Analysis Repository (GLATAR)</p>	<p><b><u>Jeanne Coffin-Schmitt</u></b>            Introduction to the human dimensions of fisheries assessments currently underway at GLFC</p>	<p><b><u>Elder Laura Horton</u></b>            Elder and Youth Opening Ceremony Engaging Our Spirit, Heart, Mind, and Body for All Creation</p>	8:00
<p><b><u>Lewen Li</u></b>            Refining activity estimates of free-swimming lake trout: insights from high-resolution telemetry data</p>	<p><b><u>Nadine Heck</u></b>            Integrating Human Dimensions into Great Lakes Fishery Management- Revisiting the 2014 Human Dimensions Theme</p>		8:20
<p><b><u>Jason Treberg</u></b>            Temperature acclimation effects on whole animal and red muscle mitochondrial oxygen flux in brook trout</p>	<p><b><u>Frank Lupi</u></b>            Looking Back on the Economic Benefits of Sea Lamprey Control on the St. Marys River</p>		8:40
<p><b><u>Ryan Hodgson</u></b>            Energetic Cost of Catch and Release Angling in Brook Trout (<i>Salvelinus fontinalis</i>) at Two Temperatures</p>	<p><b><u>Kevin Adeli</u></b>            Using angler characteristics to predict live baitfish use and release</p>	<p><b><u>Elder Priscilla Simard</u></b>            Grand Council Treaty 3: Nibi Portal- Sharing Anishinaabe Nibi Inendamowin, water knowledge</p>	9:00
<b>Morning coffee break</b>			9:20

Time Block Continues

# THURSDAY, MAY 28, 8:00-9:20

	Room 10	Room 11	Room 12
	<p><b>Species at Risk</b> <i>Chaired by Katriina Ilves, Doug Watkinson</i></p>	<p><b>Fish, Fisheries Management, and Stock Assessment (Part 2)</b> <i>Chaired by Wendylee Stott, Vince Palace</i></p>	<p><b>From Detection to Action: PFAS Effects, Monitoring, and Management Strategies</b> <i>Chaired by Jerome Marty</i></p>
8:00	<p><b><u>Doug Watkinson</u></b> The Milk River: Fish community response to extreme flow changes in a Great Plains ecosystem</p>	<p><b><u>Taylor Brown</u></b> Biophysical drivers of coregonine recruitment across space and time in the Great Lakes region</p>	<p><b><u>Richard Budnik</u></b> Assessment of PFAS in Fish Tissue from Lake Erie's Ohio Waters</p>
8:20	<p><b><u>Jose S Halafo</u></b> Potamodromous fishes of Lake Niassa: what are the chances to save them?</p>	<p><b><u>Samuel Chasse</u></b> Monitoring a Stocked Muskellunge (<i>Esox masquinongy</i>) Population Using Photo-Identification and Angler Submitted Data</p>	<p><b><u>Ella Kinart</u></b> Evaluating per- and polyfluoroalkyl substances in traditional food sources throughout the Michipicoten First Nation</p>
8:40	<p><b><u>Christine Madliger</u></b> No effect of lampricide exposure on olfaction and stress physiology in yearling lake sturgeon (<i>Acipenser fulvescens</i>)</p>	<p><b><u>Mikayla Kindler</u></b> Will They Stay or Will They Go? Drivers of River Retention and Movement in Reintroduced Lake Sturgeon</p>	<p><b><u>Ann Elizabeth Enova</u></b> PFAS analysis reveals different accumulation patterns across Great Lakes water, sediment and biota</p>
9:00	<p><b><u>Brooklynne Keber</u></b> A multi-prong approach to surveying an elusive aquatic species-at-risk, the Manitoba Mudpuppy</p>	<p><b><u>Subodha Silva</u></b> Comprehensive ecological study of the giant freshwater prawn (<i>Macrobrachium rosenbergii</i>) in Sri Lankan reservoirs</p>	<p><b><u>Marta Venier</u></b> PFAS in the Atmosphere: Sources, Fate, and Transport</p> <p style="text-align: right;"><b>WITHDRAWN</b></p>
9:20	<b>Morning coffee break</b>		

# THURSDAY, MAY 28, 8:00-9:20

Room 13	Room 15	Room 17	
<p><b>Invasive Species in Great Lakes Systems</b> <i>Chaired by Ty Colvin, Veronica Groves</i></p>	<p><b>Aquatic Ecosystem Health of Lake Winnipeg</b> <i>Chaired by Ute Holweger, Nicole Mishuk</i></p>	<p><b>Targeted Approaches to Phosphorus Reduction from the Watershed</b> <i>Chaired by Chelsea Lobson, Nora Casson, Greg McCullough, Thomas Saleh</i></p>	
<p><b>Joyce Mbewe</b> Assessment of the essential mineral composition of red claw crayfish (<i>Cherax quadricarinatus</i>) as a potential natural mineral source for aquafeeds</p>	<p><b>Robert Brua</b> How it started, how it's going: Source, transport, and fate of nutrients in the Lake Winnipeg Basin</p>	<p><b>Jonathan Teaford</b> Activating Steel Slag into a Circular Economy Paradigm for Phosphorus Removal from Wastewater</p>	8:00
<p><b>Ty Colvin</b> Dreissenid mussel and round goby interactions structuring epilithic macroinvertebrate communities in the St. Lawrence River</p>	<p><b>Caren Binding</b> Lake Winnipeg algal bloom status, trends and spatio-temporal response to climate and watershed drivers</p>	<p><b>Yongbo Liu</b> Assessing the effectiveness of BMPs on nutrient load reductions for the Joubert Creek Watershed</p>	8:20
<p><b>Joseph Langan</b> Pink salmon in the Great Lakes: an unexpected invasion with insights for three oceans</p>	<p><b>Helen Baulch</b> Managing agricultural phosphorus loads in the Lake Winnipeg basin</p>	<p><b>Thomas Saleh</b> Prairie Watershed Analytics - Joint statistical-physical modeling of phosphorus hotspots at a local scale.</p>	8:40
<p><b>Veronica Groves</b> Chemical risk cues impact fish behavior and thermal tolerance, but effects vary with predation experience</p>	<p><b>Nicole Mischuk</b> The Lake Winnipeg Freshwater Ecosystem Initiative</p>	<p><b>Rebecca Bowen</b> The Saginaw Bay Monitoring Consortium: Findings and implications from the initial two years</p>	9:00
<b>Morning coffee break</b>			9:20

WITHDRAWN

# THURSDAY, MAY 28, 9:40-11:00

	Room 4-N	Room 4-S	Room 5	Room 6
	<p><b>Ancient Fish, Modern Challenges: Lamprey Evolution, Biology, and Management</b> <i>Chaired by Margaret Docker, John Hume, Samantha Brunner, Michael Wilkie</i></p>	<p><b>Navigating Currents of Power in Social-Ecological Aquatic Systems</b> <i>Chaired by Sara Cannon, Jared Connoy</i></p>	<p><b>Advances in Hydroclimate Modeling and Data to Support Great Lakes Adaptive Management</b> <i>Chaired by Frank Seglenieks, Lauren Fry, Deanna Fielder, Scott Steinschneider, Dani Jones, David Cannon</i></p>	<p><b>Long-Term Datasets to Address Aquatic Environmental Challenges</b> <i>Chaired by Branaavan Sivarajah, Cale A C Gushulak</i></p>
9:40	<p><b><u>Nathan Zeinstra</u></b> Using environmental DNA to survey Ichthyomyzon lampreys in Ontario</p>	<p><b><u>Sara Cannon</u></b> Cumulative Injustices in Pacific Salmon Governance</p>	<p><b><u>Narayan Shrestha</u></b> Data-Driven Estimation of Evaporation over the Great Lakes Using Long Short-Term Memory Networks</p>	<p><b><u>Ilias Hani</u></b> Compound hydrological and thermal extremes: A nonstationary risk modeling approach for riverine ecosystems <i>SCAS's 2026 Peters Award Recipient</i></p>
10:00	<p><b><u>Kellie Carim</u></b> Broadscale eDNA sampling to define historical, current, and future Pacific lamprey distributions</p>	<p><b>Discussion</b></p>	<p><b><u>Ara Hakim</u></b> Snow Variability in the Great Lakes</p>	<p><b><u>Jessica Stevens</u></b> Change in relative abundance of sunfish species to three different water-level scenarios in 12 coastal marshes of eastern and northern Georgian Bay</p>
10:20	<p><b><u>Feixiang Wu</u></b> Bridging the Gap: the 'modernization' of the morphology and ecology of Jurassic and Cretaceous lampreys</p>		<p><b><u>Patricia Bye</u></b> Integration of Subseasonal-to-Annual Meteorological Forecasts into Operational Great Lakes Runoff Prediction</p>	<p><b><u>Emma MacNeill</u></b> Paleoenvironmental Reconstruction of Phytoplankton Community Trends in Great Lakes Areas of Concern</p>
10:40	<p><b><u>Michael Wilkie</u></b> A Unique Approach to Compare Burrowing Performance Between Laboratory-Reared and Wild Larval Sea Lamprey</p>		<p><b><u>Satbyeol Shin</u></b> Evaluation of Terrestrial Water and Energy Budget Components over the St. Lawrence River Basin</p>	<p><b><u>David AGA Hunt</u></b> Data rescue: the cheap solution to a billion dollar problem</p>
11:00	<p><b>Remarks &amp; Presentation of IAGLR Journal Awards</b> Room 2E-H</p>			
11:30	<p><b>Plenary by Scott Higgins &amp; Alexis Kanu</b> Room 2E-H</p>			
12:30	<p><b>Lunch (on your own)</b></p>			

# THURSDAY, MAY 28, 9:40-11:00

Room 7	Room 8	Room 9	
<p><b>Macro, Micro, Nano: Plastic Pollution in the Great Lakes</b>  <i>Chaired by Haley Dalian, Kennedy Bucci, Madelyne Cosme</i></p>	<p><b>Bridging Social Dimensions Research and Practice in Fisheries</b>  <i>Chaired by Vivian Nguyen, Andrew Muir, Jeanne Coffin-Schmitt</i></p>	<p><b>Indigenous Knowledges and Sciences for Plural Approaches to Water Governance</b>  <i>Chaired by Kianna Durston, Daniel Gladu-Kanu, Navjot Dhaliwal, Edwin Wagah, Dilber Yunus, Phoolman Chaudhary</i></p>	
	<p><b>Rene Valdez</b>            Economic Impact of the Great Lakes Fisheries</p>	<p><b>Tyanna Carpenter</b>            Embodying Anishinaabeg Water Relational Obligations for Collective Futures</p>	9:40
<p><b>Haley Dalian</b>            The Plastic Bullet: How Curiosity and Conversation Drive Behavior Change in Place-Based Marine Debris</p>	<p><b>Thais Bernos</b>            Developing indicators capturing social, ecological, and cultural information for fishery stewardship</p>	<p><b>Kathleen Church</b>            Fish Habitat Compensation in Eeyou Istchee: Is Trying Enough?</p>	10:00
<p><b>Hayley McIlwraith</b>            Local cleanup as a tool for monitoring, pollution prevention, and pollution removal</p>	<p><b>Emma Rice</b>            Organizational governance: Women's fisheries organizations on Lake Victoria</p>	<p><b>Mackenzie Anne Clifford Martyniuk</b>            Community monitoring of Arctic charr (<i>Salvelinus alpinus</i>) in the Kuujjuarasiq watershed (Kuujuaq, Nunavik, Canada)</p>	10:20
<p><b>Sarah Zack</b>            Reducing plastic pollution in the HOMES: Reaching communities through outreach and assessment</p>	<p><b>Elizabeth Nyboer</b>            Strengthening resilience in Lake Victoria's fisheries through gender-responsive approaches</p>	<p><b>Navjot Dhaliwal</b>            Beyond Integration: Epistemological Plurality in Systems-Based Water Governance</p>	10:40
<p><b>Remarks &amp; Presentation of IAGLR Journal Awards</b>            Room 2E-H</p>			11:00
<p><b>Plenary by Scott Higgins &amp; Alexis Kanu</b>            Room 2E-H</p>			11:30
<p><b>Lunch (on your own)</b></p>			12:30

WITHDRAWN



# THURSDAY, MAY 28, 9:40-11:00

	Room 10	Room 11	Room 12
	<p><b>Species at Risk</b> <i>Chaired by Katriina Ilves, Doug Watkinson</i></p>	<p><b>Fish, Fisheries Management, and Stock Assessment (Part 2)</b> <i>Chaired by Wendylee Stott, Vince Palace</i></p>	<p><b>Quantifying Groundwater Resources in the Great Lakes St. Lawrence River Basin</b> <i>Chaired by Peter Johnson, Shaili Pfeiffer</i></p>
9:40	<p><b><u>Lauren Damphousse</u></b> Assessing Early Outcomes of an Experimental Freshwater Mussel Translocation in the Sydenham River, Ontario</p>	<p><b><u>Robert Kayanda</u></b> Lake Victoria Fish Stocks Under Pressure: Linking Science with Management</p>	<p><b><u>Peter Johnson</u></b> The Importance of Quantifying Groundwater Resources for Sound Regional Policy</p>
10:00	<p><b><u>André L Martel</u></b> Hickorynut and other unionid mussels thriving among fluvial dunes of the Ottawa River</p>	<p><b><u>Julius Manyala</u></b> AI-Artificial Neural Networks (ANN) for Ecological Modelling of <i>Rastrineobola argentea</i> in Lake Victoria</p>	<p><b><u>James Polidori</u></b> Groundwater Management and Water Use Trends in the Great Lakes Basin</p>
10:20	<p><b><u>Katriina L. Ilves</u></b> Determination of mussel-fish connections in nature: what are the host fish(es) of Hickorynut in Canada?</p>		<p><b><u>Elizabeth Runge</u></b> Thermoelectric Power Generation and Water Use Implications for Wisconsin and the Great Lakes Basin</p>
10:40	<p><b><u>Gregory Frie</u></b> Identifying mussels and host-parasite relations using metabarcoding in the Lower Qu'Appelle River, SK.</p>		<p><b><u>Martha Nielsen</u></b> Water bottling in the US Great Lakes: overview and case studies of Michigan hydrologic impacts</p>
11:00	<b>Remarks &amp; Presentation of IAGLR Journal Awards</b>		
11:30	<b>Plenary by Scott Higgins &amp; Alexis Kanu</b> Room 2E-H		
12:30	<b>Lunch (on your own)</b>		

# THURSDAY, MAY 28, 9:40-11:00

Room 13	Room 15	Room 17	
<p><b>Invasive Species in Great Lakes Systems</b> <i>Chaired by Ty Colvin, Veronica Groves</i></p>	<p><b>Behavioral Ecology</b> <i>Chaired by Trevor Pitcher</i></p>	<p><b>Targeted Approaches to Phosphorus Reduction from the Watershed</b> <i>Chaired by Chelsea Lobson, Nora Casson, Greg McCullough, Thomas Saleh</i></p>	
<p><b><u>Asilatu Shechonge</u></b> Genetic and morphological homogenization of tilapia following introductions threatening cichlid biodiversity</p>		<p><b><u>Karl Friesen-Hughes</u></b> Phosphorus Hotspots in the Lake Winnipeg Watershed: Exploring a Decade of Data</p>	9:40
<p><b><u>Joseph Krieger</u></b> Clear and present danger: identifying and addressing aquatic invasive species in the north american great lakes</p>	<p><b><u>Zach Melnick</u></b> When the Boat Is Rocking: ROV Observations of Lake Whitefish Spawning Under Rough Surface Conditions</p>	<p><b><u>Gregory K. McCullough</u></b> Leveraging Community-Based Monitoring data with land use information to explain phosphorus export from small watersheds</p>	10:00
	<p><b><u>Susanna Keilig</u></b> Fine-scale acoustic telemetry uncovers lake trout spawning behaviors hidden under the surface of Lake Erie</p>	<p><b><u>Nora Casson</u></b> Understanding and mitigating snowmelt phosphorus loss from agricultural soils within the Red River Basin</p>	10:20
	<p><b><u>Kathleen Woodhouse</u></b> Determining the effects of post-activation sperm aging on offspring fitness of the Chinook salmon</p>	<p><b><u>Katie Stammler</u></b> Water Quality Comparisons and Targeted Phosphorus Reduction in Watersheds with Diverse Agricultural Activities in Southwestern Ontario</p>	10:40
<b>Remarks&amp; Presentation of IAGLR Journal Awards</b>			11:00
<b>Plenary by Scott Higgins &amp; Alexis Kanu</b> Room 2E-H			11:30
<b>Lunch (on your own)</b>			12:30

# THURSDAY, MAY 28, 1:40-3:20

	Room 4-N	Room 4-S	Room 5	Room 6
	<p><b>Ancient Fish, Modern Challenges: Lamprey Evolution, Biology, and Management</b>  <i>Chaired by Margaret Docker, John Hume, Samantha Brunner, Michael Wilkie</i></p>	<p><b>Great Lakes Technology Showcase: Highlighting the Cutting Edge of Freshwater Innovation</b>  <i>Chaired by Max Herzog, Katelynn Johnson, Ed Verhamme, Denver Peters</i></p>	<p><b>Advances in Hydroclimate Modeling and Data to Support Great Lakes Adaptive Management</b>  <i>Chaired by Frank Seglenieks, Lauren Fry, Deanna Fielder, Scott Steinschneider, Dani Jones, David Cannon</i></p>	<p><b>Long-Term Datasets to Address Aquatic Environmental Challenges</b>  <i>Chaired by Branaavan Sivarajah, Cale A C Gushulak</i></p>
1:40	<p><b><u>Lara Puetz</u></b>            Captivity reduces diversity and alters community composition of larval sea lamprey gut microbiota</p>	<p><b><u>Lawrence Lambert</u></b>            Autonomous Lake Robotics: Integrating AI, Physics-Based Treatment, and Nutrient Removal</p>	<p><b><u>Daniel Mutton</u></b>            Simulating Insect Driven Disturbance Effects on Forest Carbon and Water Dynamics Using the MESH-CLASSIC Model</p>	<p><b><u>Madison Roeber</u></b>            Nearshore Temperature Monitoring for Lake-Source Cooling Optimization at Discovery World</p>
2:00	<p><b><u>Benjamin Marcy-Quay</u></b>            Treasure in the stacks? Evaluation of sea lamprey museum specimens as a genomic resource</p>	<p><b><u>Ebie Holst</u></b>            Water Accelerator Testbeds: Enabling the Next Generation of Innovative Technology</p>	<p><b><u>Marie-Pier Labonté</u></b>            Improving lake representation in regional climate models using the Canadian Small Lake Model</p>	<p><b><u>Philippe Poulin</u></b>            Using long-term in situ and remote sensing data to monitor freshwater habitats in Nunavik</p>
2:20	<p><b><u>Jason Delborne</u></b>            Exploring Sea Lamprey Genetic Biocontrol: Report on a Workshop with Diverse Stakeholders/Rightsholders</p>	<p><b><u>Stephanie Smith</u></b>            From Fragmentation to Connection: Exploring the African Lakes Digital Hub</p>	<p><b><u>Lindsay Fitzpatrick</u></b>            The Great Lakes NBS-Predictor: An Open-Source Tool for S2S Forecasting of Net Basin Supply Components</p>	<p><b><u>Hao Yu</u></b>            Remote Sensing Data Fusion to Fill Spatiotemporal Gaps in Harmful Algal Bloom Monitoring</p>
2:40	<p><b><u>Sreeja Sarasamma</u></b>            Tracing Early Primordial Germ Cell Lineage and Developmental Pathways in the Sea Lamprey</p>	<p><b><u>Lydia Paulic</u></b>            Novel applications of Slocum gliders and communication buoys: advancing freshwater ecosystem monitoring</p>	<p><b><u>Khalid Omar</u></b>            Data Gap Analysis and Water Resources Assessment to Support Sustainable Water Management in Michigan</p>	
3:00	<p><b><u>Avery Keen</u></b>            Genetic Markers of Sex in Sea Lamprey to Facilitate Research Aimed at Reproductive Control</p>	<p><b><u>Soham Dalal</u></b>            Turning Freshwater Innovation into Impact: Scaling Solutions for the Great Lakes</p>	<p><b><u>Armaghan Abed-Elmdoust</u></b>            Modernizing Great Lakes Regulation and Routing Models: An Integrated Open-Source Python Framework</p>	
3:20	<b>Afternoon coffee break</b>			



## THURSDAY, MAY 28, 1:40-3:20

	Room 10	Room 11	Room 12
	<p><b>Species at Risk</b> <i>Chaired by Katriina Ilves, Doug Watkinson</i></p>	<p><b>Adopting an Ecosystem Approach to Fisheries Management in the Canadian Arctic</b> <i>Chaired by Kevin Hedges, Cortney Watt, Wojciech Walkusz</i></p>	<p><b>Quantifying Groundwater Resources in the Great Lakes St. Lawrence River Basin</b> <i>Chaired by Peter Johnson, Shaili Pfeiffer</i></p>
1:40	<p><b><u>Lauren Lawson</u></b> Spatially mapping and quantifying watershed threats to aquatic Species at Risk</p>	<p><b><u>Kevin Hedges</u></b> Adopting an Ecosystem Approach to Fisheries Management in the Canadian Arctic</p>	<p><b><u>Howard Reeves</u></b> PyCap-dss: An open-source decision support tool for high-capacity well evaluation</p>
2:00	<p><b><u>Robert Lennox</u></b> Acoustic tracking reveals migratory patterns, survival, and predation of Endangered Inner Bay of Fundy Atlantic salmon</p>	<p><b><u>Alycia Chubaty</u></b> Estimating Greenland Shark abundance to better understand the ecosystem of a Greenland Halibut fishery</p>	<p><b><u>Michael Fienen</u></b> Beyond streamflow: managing tradeoffs between economy and ecology in high-capacity well evaluation</p>
2:20	<p><b><u>Mikael Ranta</u></b> Linking Periphyton to Salmon - Bottom-up Processes in the Boreal</p>	<p><b><u>Zhe Yang</u></b> Trophic interactions in Sanikiluaq scallop beds using video and stable isotope analysis</p>	<p><b>Panel</b></p>
2:40		<p><b><u>Wojciech Walkusz</u></b> Ecosystem Approach to Fisheries Management in the Canadian Arctic shrimp fisheries.</p>	
3:00			
3:20	<b>Afternoon coffee break</b>		

# THURSDAY, MAY 28, 1:40-3:20

Room 13	Room 15	Room 17	
<p><b>Bridging Borders and Disciplines - Challenges and Benefits (Part 1)</b>  <i>Chaired by Jessica Ives, Scott Colborne, Brittany Zepernick, Hillary Glandon, Diane Orihel</i></p>	<p><b>Behavioral Ecology</b>  <i>Chaired by Trevor Pitcher</i></p>	<p><b>2024 Lake Erie Cooperative Science and Monitoring Initiative (CSMI)</b>  <i>Chaired by Paris Collingsworth, Annie Scofield, David Depew</i></p>	
<p><b><u>Vivian Nguyen</u></b>            A talk for those curious about working at the social and ecological interface</p>	<p><b><u>Trevor Pitcher</u></b>            Captive breeding and the effect of tank colour on the body colour, somatic growth, survival and behaviour of Chinook salmon</p>	<p><b><u>Paris Collingsworth</u></b>            Overview of the 2024 Lake Erie CSMI activities</p>	1:40
<p><b><u>Matthew Child</u></b>            Great Lakes Decadal Science Plan: The Science We Need for the Lakes We Want</p>	<p><b><u>Leah Howitt</u></b>            Effects of artificial light at night on the behaviour of wild fishes: a whole-lake experiment</p>	<p><b><u>Anett Trebitz</u></b>            Lake Erie water quality and lower food web assessments in the 2024 CSMI</p>	2:00
<p><b><u>Lauren Hart</u></b>            Understanding Harmful Algal Blooms Across Latitudinal Gradients Through Integrated Science and Cross-Sector Collaboration</p>	<p><b><u>Matthew Futia</u></b>            Diet patterns differ between naturally- and hatchery-produced lake trout across life stages</p>	<p><b><u>Ryan Lepak</u></b>            Results of Per and Poly Fluoroalkyl Substances in the lower food web of Lake Erie</p>	2:20
<p><b><u>Nicholas Mandrak</u></b>            Aquatic Science and Education Across the Borders in the Laurentian Great Lakes: Past, Present, and Future</p>	<p><b><u>Randal Power</u></b>            Mapping Walleye Habitat: Collaborative Study at Bobcaygeon Dam to Understand Reproductive Success</p>	<p><b><u>Paris Collingsworth</u></b>            Comparing metrics and monitoring programs to quantify hypoxia in Lake Erie.</p>	2:40
<p><b><u>Hillary Glandon</u></b>            Cross-border academic consortiums: opportunities and challenges</p>	<p><b><u>Véronique Dubos</u></b>            Are you on Fishbook too? Quantifying social interactions and territoriality of two Arctic fish species: Arctic char and lake trout</p>	<p><b><u>Grace Armstrong</u></b>            The Role of Hypoxia in the Production of Methylmercury in Lake Erie</p>	3:00
<b>Afternoon coffee break</b>			3:20

# THURSDAY, MAY 28, 3:40-5:00

	Room 4-N	Room 4-S	Room 5	Room 6
	<p><b>Ancient Fish, Modern Challenges: Lamprey Evolution, Biology, and Management</b>  <i>Chaired by Margaret Docker, John Hume, Samantha Brunner, Michael Wilkie</i></p>	<p><b>Great Lakes Technology Showcase: Highlighting the Cutting Edge of Freshwater Innovation</b>  <i>Chaired by Max Herzog, Katelynn Johnson, Ed Verhamme, Denver Peters</i></p>	<p><b>Advances in Hydroclimate Modeling and Data to Support Great Lakes Adaptive Management</b>  <i>Chaired by Frank Seglenieks, Lauren Fry, Deanna Fielder, Scott Steinschneider, Dani Jones, David Cannon</i></p>	<p><b>Bridging Youth and Science: Place-Based Learning for Great Lakes Stewardship</b>  <i>Chaired by Kristin TePas, Kelsey Prihoda, Pauline Gerrard, Emilie DeRoche</i></p>
3:40	<p><b><u>Hassan Nazari</u></b>            A Multi-Tissue Genomic Perspective on Metamorphosis in Sea Lamprey: Insights into Stage-Specific Genomic Regulation</p>	<p><b><u>Vernon LaLone</u></b>            Closing the PFAS Data Gap: A Field-Deployable Screening Platform Validated in Real Groundwater</p>	<p><b><u>Christine Swanson</u></b>            Operational Constraints Suppress Forecast Value in State-Aware Policies for Highly Regulated Water Systems</p>	<p><b><u>Jessica Orlofske</u></b>            Connecting students to Great Lakes water issues through participation in regulatory monitoring</p>
4:00	<p><b><u>Aleksandr Kucheryavyy</u></b>            Migratory Plasticity as an Evolutionary Bet-Hedging Strategy in Lampreys</p>	<p><b><u>Jeff Houghton</u></b>            Interactive Ecological Rendering as a Visualization Framework for Advancing Nature-Based Solutions Across Connected Watersheds</p>	<p><b><u>Frank Seglenieks</u></b>            GLAM hydroclimate team planning for the review of the Lake Superior regulation Plan 2012</p>	<p><b><u>David Porter</u></b>            The Detroit River Story Lab: Re-Storying Local Waterways through Place-Based Experiential Learning</p>
4:20	<p><b><u>Dariya Yu. Bakulina</u></b>            Infection of European river lamprey <i>Lampetra fluviatilis</i> (Linnaeus, 1758) larvae with the digenea <i>Diplostomum petromyzifluviatilis</i> Müller (Diesing, 1850) in some rivers of the Leningrad Oblast, Russia (Baltic Sea basin)</p>	<p><b><u>Michael Zorn</u></b>            Green Bay hypoxia monitoring using a LoRaWAN wireless sensor network</p>	<p><b><u>Deanna Fielder</u></b>            Hydrometeorological Influences on Water Supplies used to Evaluate Regulation Plans</p>	<p><b><u>Cassidy Mazur</u></b>            Inclusive programming inspiring youth through freshwater science</p>
4:40	<p><b><u>Stewart Reid</u></b>            Exploring temperatures occupied by native lampreys in California: current environment and implications for the future</p>	<p><b><u>Onur Bagoren</u></b>            Autonomous Marine Robotics for Shipwreck Detection and Inspection in the Great Lakes</p>	<p><b>Panel</b></p>	<p><b><u>Amy Kireta</u></b>            Lake Superior Youth Symposium 1995-2025: History, Impact &amp; Future</p>

# THURSDAY, MAY 28, 3:40-5:00

Room 7	Room 8	Room 9	
<p><b>Macro, Micro, Nano: Plastic Pollution in the Great Lakes</b>  <i>Chaired by Haley Dalian, Kennedy Bucci, Madelyne Cosme</i></p>	<p><b>Science-Sustainable Management of Lakes: Lessons Learned from Practice</b>  <i>Chaired by Emily Kroft, Dimple Roy, Marina Puzyreva</i></p>	<p><b>Indigenous Knowledges and Sciences for Plural Approaches to Water Governance</b>  <i>Chaired by Kianna Durston, Daniel Gladu-Kanu, Navjot Dhaliwal, Edwin Wagah, Dilber Yunus, Phoolman Chaudhary</i></p>	
<p><b>Plastic Pollution Panel: Dive Deeper with Expert Discussion</b></p>	<p><b><u>Erin Dunbar</u></b>                      Key Influences on the Management of Commercial Fisheries in Manitoba</p>	<p><b><u>Natalija Vojno</u></b>                      Watershed Circles: Co-creating knowledge through traditional teachings and dialogue</p>	3:40
	<p><b><u>Emily Kroft</u></b>                      The Case of Eco-Certification in Manitoba's Commercial Fisheries</p>	<p><b><u>Mary Ann Perron</u></b>                      A Call to Action for the Conservation of Kiawerón:ko (the American Eel)</p>	4:00
<p><b><u>Lulu Tunu Kaaya</u></b>                      Catchment-Derived Contributions of Microplastics to the Tanzanian Shores of Lake Victoria</p>	<p><b><u>Dimple Roy</u></b>                      Management of freshwater lakes: Stories from the trenches of translating evidence to decisions</p>	<p><b><u>Umer Abdur Rehman</u></b>                      Assessment of Biodiversity Decline in Lake St. Martin Based on Remote Sensing Analysis</p>	4:20
<p><b><u>Mir Amir Mohammad Reshadi</u></b>                      Microplastic Yield and Retention in Urban Stormwater Catchments and Ponds</p>	<p><b><u>Margret Bintu Nyanzi</u></b>                      Upstream and Downstream Controls in Lake Victoria Fisheries to Improve Market Access Strengthening</p>	<p><b><u>Robert Stewart</u></b>                      A Long-term Cumulative Effects Assessment and Indigenous Guardian Network by the Anishinaabek of Lake Nipigon</p>	4:40

Time Block Continues

# THURSDAY, MAY 28, 3:40-5:00

	Room 10	Room 11	Room 12
	<p><b>Studying Canada's Other Great Lakes</b></p>	<p><b>Fish Assemblages in the Neotropical Region</b> <i>Chaired by Kathryn Peiman, Karen Smokorowski</i></p>	<p><b>Extreme Lake Events and Impacts on Ecosystem Health and Water Quality Applicable to the Laurentian Great Lakes</b> <i>Chaired by Alisa Young, Laura Jones, Carla Torchia</i></p>
3:40	<p><b><u>B. D. G. Samadhi H. Jayathissa</u></b> Historical changes in the water quality of large, shallow, peri-boreal Lake Winnipegosis (Manitoba, Canada)</p>	<p><b><u>Eniola Olu-Ayorinde</u></b> Rainfall and terrestrial biomass shape the diet of Red-tailed Flag Tetra along a Neotropical river</p>	<p><b><u>Cecile Renfro</u></b> Hydrologic change shapes plant community and improves ecosystem health in a Lake Superior coastal wetland</p>
4:00	<p><b><u>Audrey Moffett</u></b> How Modeling Aquatic Ecosystems Helps Address Water Level Management in Rainy-Namakan System</p>	<p><b><u>Nicole Iliuk</u></b> Phylogenetic structure and evolutionary distinctiveness of freshwater fish assemblages in Brazilian semi-arid ecoregions</p>	<p><b><u>Alisa Young</u></b> Highlights and Recommendations from the 2025 Great Lakes Modeling Workshop</p>
4:20	<p><b><u>Tim Hollinger</u></b> Lake Nipigon Rocky Bay Fisheries Unit: Community-Based Monitoring for Lake-wide Management</p> <p style="text-align: center; font-size: 2em; font-weight: bold; transform: rotate(-30deg);">WITHDRAWN</p>	<p><b><u>Romullo GSF Lima</u></b> Richness is the primary component structuring fish biodiversity in Neotropical streams</p>	<p><b><u>Charlotte Guest</u></b> Effects of wildfires on boreal lake fish communities</p>
4:40	<p><b><u>Claire Herbert</u></b> An overview of water quality and phytoplankton distribution in the Upper Manitoba Great Lakes</p>	<p><b><u>Diego O. Da Silva</u></b> Spatial patterns of phylogenetic alpha and beta diversity of fish assemblages in the Araguaia River basin revealed by eDNA metabarcoding</p>	<p><b><u>Claudine Nyampinga</u></b> Assessment of drought risk in the Akagera Lower Catchment, Rwanda</p>

# THURSDAY, MAY 28, 3:40-5:00

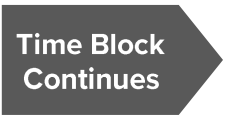
Room 13	Room 15	Room 17	
<p><b>Bridging Borders and Disciplines - Challenges and Benefits (Part 1)</b>  <i>Chaired by Jessica Ives, Scott Colborne, Brittany Zepernick, Hillary Glandon, Diane Orihel</i></p>	<p><b>Behavioral Ecology</b>  <i>Chaired by Trevor Pitcher</i></p>		
<p><b>Jonathan Low</b>            Cross-institutional collaborations for social and ecological sustainability research in Lake Victoria's cage aquaculture industry</p>	<p><b>Sophia D'Aurora</b>            Defining lake whitefish home ranges in Lake Huron to inform fisheries management</p>	<p><b>Student and Early Career Panel and Breakout</b>            Chaired by Ruth Duncan, Ian Stone, Molly Wick, Erin Smith</p>	3:40
<p><b>Donna Kashian</b>            Boundary-Spanning Collaboration for Sustainability in the Great Lakes Region</p>	<p><b>Isabelle Tormasi</b>            Investigating the behavioural phenotypes of invasive smallmouth bass (<i>Micropterus dolomieu</i>) in the Margaree River, Nova Scotia</p>		4:00
<p><b>Meghan R. Klasic</b>            Merging Social and Ecological Streams into Robust Interdisciplinary Great Lakes Research</p>	<p><b>Owen Sweazey</b>            Temporal, spatial, and individual variation in thermal habitat use in warm- vs cold- water freshwater fishes</p>		4:20
<p><b>Thomas Binder</b>            Great Lakes Acoustic Telemetry Observation System: A research network founded on multijurisdictional cooperation and collaboration</p>	<p><b>Natalie Dupont</b>            Early Marine Movement Ecology of Endangered Atlantic Salmon (<i>Salmo salar</i>) in the Bay of Fundy</p>		4:40

# THURSDAY, MAY 28, 5:00-6:00

	Room 4-S	Room 5	Room 6
	<p><b>Great Lakes Technology Showcase: Highlighting the Cutting Edge of Freshwater Innovation</b></p> <p><i>Chaired by Max Herzog, Katelynn Johnson, Ed Verhamme, Denver Peters</i></p>	<p><b>Advances in Hydroclimate Modeling and Data to Support Great Lakes Adaptive Management</b></p> <p><i>Chaired by Frank Seglenieks, Lauren Fry, Deanna Fielder, Scott Steinschneider, Dani Jones, David Cannon</i></p>	<p><b>Bridging Youth and Science: Place-Based Learning for Great Lakes Stewardship</b></p> <p><i>Chaired by Kristin TePas, Kelsey Prihoda, Pauline Gerrard, Emilie DeRochie</i></p>
5:00	<p><b>Kevin Strychar</b> Image Flow Cytometry Rapidly Assesses Viable vs Non-viable Escherichia coli along Coastal Beaches of Lake Michigan</p>	<p><b>Panel</b></p>	<p><b>Kristin TePas</b> Bridging Science and Education: Engaging Youth with Real-World Great Lakes Data</p>
5:20	<p><b>John Gustincic</b> The Builder's Path: A Scalable Framework for Advancing Freshwater Technology Adoption in the Great Lakes</p>		
5:40	<p><b>Joel Weber</b> Lakewater Nutrient Capture; Our journey from an idea to a building a business</p>		
	<p><b>IAGLR Business Meeting &amp; Presentation of Appreciation Awards</b> Room 9   5:40-6:30</p> <p><b>SCAS-SCSA Business Meeting</b> Room 4-N   5:40-6:30</p>		
6:45	<p><b>Banquet &amp; Presentation of IAGLR Professional Awards</b> IAGLR Lifetime Achievement Award, Vallentyne Award &amp; Anderson-Everett Award Room 2E-H   6:45-9:30</p>		

# THURSDAY, MAY 28, 5:00-6:00

Room 7	Room 8	Room 9	
<p><b>Macro, Micro, Nano: Plastic Pollution in the Great Lakes</b>  <i>Chaired by Haley Dalian, Kennedy Bucci, Madelyne Cosme</i></p>	<p><b>Science-Sustainable Management of Lakes: Lessons Learned from Practice</b>  <i>Chaired by Emily Kroft, Dimple Roy, Marina Puzyreva</i></p>	<p><b>Indigenous Knowledges and Sciences for Plural Approaches to Water Governance</b>  <i>Chaired by Kianna Durston, Daniel Gladu-Kanu, Navjot Dhaliwal, Edwin Wagah, Dilber Yunus, Phoolman Chaudhary</i></p>	
<p><b><u>Ariyah Thomas</u></b>            Microplastic Depth Patterns in Lake Superior: Linking Polymer Characteristics to Vertical Distribution</p>	<p><b><u>Nathan Kroeze</u></b>            A Binational Framework for Resilient Great Lakes Coastal Ecosystems</p>	<p><b>Closing with Elders</b></p>	5:00
<p><b><u>Amber Ruthenbeck</u></b>            Lake Superior's Microplastic Budget: Balancing the Books</p>			5:20
			5:40
<p><b>IAGLR Business Meeting &amp; Presentation of Appreciation Awards</b>            Room 9   5:40-6:30</p> <p><b>SCAS-SCSA Business Meeting</b>            Room 4-N   5:40-6:30</p>			
<p><b>Banquet &amp; Presentation of IAGLR Professional Awards</b>            IAGLR Lifetime Achievement Award, Vallentyne Award &amp; Anderson-Everett Award            Room 2E-H   6:45-9:30</p>			6:45



# THURSDAY, MAY 28, 5:00-6:00

	Room 10	Room 11	Room 12
	<b>Studying Canada's Other Great Lakes</b>	<b>Fish Assemblages in the Neotropical Region</b> <i>Chaired by Kathryn Peiman, Karen Smokorowski</i>	<b>Extreme Lake Events and Impacts on Ecosystem Health and Water Quality Applicable to the Laurentian Great Lakes</b> <i>Chaired by Alisa Young, Laura Jones, Carla Torchia</i>
5:00	<b>Jennifer Korosi</b> Ontario's forgotten Great Lake: Exploring industrial and resource development legacies in Lake Nipigon using paleolimnology	<b>Bijoy Kumar Ghosh</b> Hydraulic Impact of Fish Migration in Sariakandhi Fish Pass of Bangladesh	<b>Thomas Bridgeman</b> Extreme Hypoxia in Lake Erie's Western Basin During a 2025 Heat Wave
5:20	<b>Caleb Hasler</b> Long-term trends of young-of-year walleye ( <i>Sanders vitreus</i> ) recruitment in Lake Winnipeg, Manitoba, Canada		<b>Sidney J. R. Pettit</b> A Photochemical Study of the St. Louis River plume in Lake Superior
5:40	<b>Dawsyn Sturch</b> Climate change drives decadal eutrophication in Waterhen Lake (Manitoba, Canada), an eco-certified fishery		
	<b>IAGLR Business Meeting &amp; Presentation of Appreciation Awards</b> Room 9   5:40-6:30		
	<b>SCAS-SCSA Business Meeting</b> Room 4-N   5:40-6:30		
6:45	<b>Banquet &amp; Presentation of IAGLR Professional Awards</b> IAGLR Lifetime Achievement Award, Vallentyne Award & Anderson-Everett Award Room 2E-H   6:45-9:30		

# THURSDAY, MAY 28, 5:00-6:00

Room 13	Room 15	Room 17	
<p><b>Bridging Borders and Disciplines - Challenges and Benefits (Part 1)</b>  <i>Chaired by Jessica Ives, Scott Colborne, Brittany Zepernick, Hillary Glandon, Diane Orihel</i></p>	<p><b>Behavioral Ecology</b>  <i>Chaired by Trevor Pitcher</i></p>		
<p><b>James Bence</b>                      Stock assessment and evaluation of management procedures on the Great Lakes: constantly crossing boundaries</p>	<p><b>Brett Studden</b>                      Integrating angler observations: the influence of weather and storms on the movement of freshwater fishes</p>	<p><b>Student and Early Career Panel and Breakout</b>                      Chaired by Ruth Duncan, Ian Stone, Molly Wick, Erin Smith</p>	5:00
<p><b>Activity</b></p>			5:20
			5:40
<p><b>IAGLR Business Meeting &amp; Presentation of Appreciation Awards</b>                      Room 9   5:40-6:30</p> <p><b>SCAS-SCSA Business Meeting</b>                      Room 4-N   5:40-6:30</p>			
<p><b>Banquet &amp; Presentation of IAGLR Professional Awards</b>                      IAGLR Lifetime Achievement Award, Vallentyne Award &amp; Anderson-Everett Award                      Room 2E-H   6:45-9:30</p>			6:45

# FRIDAY, MAY 29, 8:00-10:00

	Room 4-N	Room 4-S	Room 5	Room 6
	<p><b>Informing Freshwater Policy &amp; Practice by Reflecting on Successes and Failures</b> <i>Chaired by Steven Cooke, Irena Creed, Jessica Reid</i></p>	<p><b>From Pings to Policy: Practical Applications in Fish Telemetry Research</b> <i>Chaired by Caleb Hasler, Lee Gutowsky, Doug Watkinson, Simon DePasquale</i></p>	<p><b>Anthropogenic Impacts on Aquatic Food Webs</b> <i>Chaired by Garth Covernton, Stephanie Graves</i></p>	<p><b>Great Slave and Great Bear Lakes: Recent Findings, Partnerships, and the Future</b> <i>Chaired by Marlene Evans, Diane Giroux, Kim Howland, Xinhua Zhu</i></p>
8:00	<p><b><u>Carolyn Chinguo Munthali</u></b> Bridging policy and practice: Gender responsive climate change adaptation in Malawi's Fisheries Sector</p>		<p><b><u>Roberto Carlos Sanchez Ambrosio</u></b> Understanding the impacts of agricultural land use on aquatic insect populations in the Prairie Pothole Region</p>	<p><b><u>Philippe Hénault</u></b> Intraspecific Diversity and Stock Structure of Lake Whitefish in Great Slave Lake : A Genomic Perspective</p>
8:20	<p><b><u>Valence Byaruhanga</u></b> Gender-based vulnerability and adaptive capacity to fishing regulations of small pelagic fishes in Uganda's Great Lakes</p>		<p><b><u>Danika Harland</u></b> The Chronic Effects of Wetland Salinization on Emergent Insect Communities</p>	<p><b><u>Laura Haniford</u></b> Exploring Fish Movement and Connectivity in Great Slave Lake Using Acoustic Telemetry</p>
8:40	<p><b><u>Nicholas Mandrak</u></b> Elections and Endangered Species</p>	<p><b><u>Alexander Maguffee</u></b> Habitat selection of invasive grass carp in the Lower Sandusky River using fine-scale acoustic telemetry relocation data</p>	<p><b><u>Madeleine Milne</u></b> Effects of microplastics on the freshwater plankton food web in a whole-lake manipulation experiment</p>	<p><b><u>Ken Drouillard</u></b> Spatial and long-term trends in persistent organic pollutants and metals in lake trout and burbot from Great Slave Lake</p>
9:00	<p><b><u>Lloyd Haambiya</u></b> Drivers of Fishing Verses Participation in Fisheries Management: Case of Lake Tanganyika, Zambia</p>	<p><b><u>Kristen Cyr</u></b> Risky Refugia? Using acoustic telemetry and underwater video to assess effects of aquatic invasive species on juvenile Atlantic salmon (<i>Salmo salmar</i>) within thermal refugia.</p>	<p><b><u>Gabrielle Faucher</u></b> Functional diversity in food webs of acid-recovering Lake Trout lakes in northeastern Ontario</p>	<p><b><u>Patricia L. Corcoran</u></b> Drivers of Microplastic Pollution in Fishes of Great Slave Lake, Northwest Territories</p>
9:20	<p><b><u>Irena Creed</u></b> Prairie Potholes at Risk: Science and Policy Implications of Alberta's 17-Week Wetland Exemption</p>	<p><b><u>Nathan Medinski</u></b> Bull Trout Movement and Habitat Use in the Columbia River Headwaters Region of Southeastern B.C.</p>	<p><b><u>Vincent Fugère</u></b> Impacts of land use on stream multitrophic diversity assessed with morphological and molecular methods</p>	<p><b><u>Jeffrey Cederwall</u></b> Emerging cyanobacteria blooms in Great Slave Lake: Observations from Indigenous, local, and scientific knowledge</p>
9:40	<p><b><u>Steven Cooke</u></b> Failing forward in research on freshwater life</p>	<p><b><u>Simon DePasquale</u></b> Lake Sturgeon movement patterns in an impeded lake-river system and an unimpeded river within Western Canada</p>	<p><b><u>Evie Brahmstedt</u></b> An Ecosystem Health Assessment Using Aquatic Insects Across the Beaver Dam Life Cycle</p>	<p><b><u>Marlene Evans</u></b> Environmental challenges facing Great Slave Lake and critical unknowns</p>
10:00	<b>Morning coffee break</b>			

Room 7	Room 8	Room 9	
<p><b>Trophic Hotspots Across Ecosystems and Their Impact on Aquatic Food Webs</b> <i>Chaired by Timothy J. Fernandes, Charlotte Ward, Rachael Keighan, Kevin S. McCann</i></p>	<p><b>Physical Processes in Lakes</b> <i>Chaired by Shuqi Lin, David Cannon, Jay Austin, Dan Titze, Chin H Wu</i></p>	<p><b>Shared Experiences in Planning, Executing, and Monitoring Projects Requiring Approval Under Canada's Fisheries Act</b> <i>Chaired by Andre-Marcel Baril, Laura Phalen</i></p>	
<p><b>Cindy Breau</b> Striped Bass eggs and larvae in the Miramichi River estuary: A resource pulse detectable only with molecular tools?</p>			8:00
<p><b>Tazi Rodrigues</b> In hot pursuit: A cold-water predator connects trophic hotspots across thermal barriers</p>	<p><b>Phillipe Wernette</b> Modernizing Great Lakes Nearshore Mapping with Machine Learning</p>	<p><b>Laura Phalen</b> The Basics and Common Challenges of the Fisheries Act Regulatory Review Process</p>	8:20
<p><b>Timothy Fernandes</b> Fish spawning events can stimulate multi-trophic hotspots</p>	<p><b>John Wells</b> An Acoustic Tomography Experiment in a Stratified Lake at Super-kilometer Ranges</p>	<p><b>Karen Smokorowski</b> Monitoring habitat offsets, banks and restorations: a science-based standardized monitoring and evaluation framework</p>	8:40
<p><b>Elizabeth Kitching</b> Local marine primary production hotspot in the coastal waters of Southampton Island, Nunavut</p>	<p><b>Chin Wu</b> Complex Wave Climate in the Apostle Islands, Lake Superior by Water Information for a Safe Coast (WISC) Watch Network</p>	<p><b>Mitchell Shorgan</b> Collaborative approaches to fish salvage projects in semi-remote Arctic lakes</p>	9:00
<p><b>Rachael Keighan</b> Anthropogenic Food Web Hot Spots</p>	<p><b>Shuqi Lin</b> Multi-time scale water level fluctuation in Lake Winnipeg</p>	<p><b>Alex Walmsley</b> Habitat, dietary, and isotopic niches of fishes in a dewatered subarctic lake</p>	9:20
<p><b>Charlotte Ward</b> Seasonal Hotspots of Vulnerability in Freshwater Ecosystems</p>	<p><b>Jay Austin</b> What drives interannual variability in the onset of summer stratification in the Laurentian Great Lakes?</p>	<p><b>Dale Klodnicki</b> From Data to Dialogue: Fisheries Engagement through Collaboration and Clarity in Large-Scale Fisheries Authorizations</p>	9:40
<b>Morning coffee break</b>			<b>Time Block Continues</b>

# FRIDAY, MAY 29, 8:00-10:00

	Room 10	Room 11	Room 12
	<p><b>Managing Wetlands for Connectivity: Needs and Challenges for Improving Water Quality with Wetlands</b>  <i>Chaired by Kenneth Anderson, Olivia Schloegel, Lauren Brown, Mary Ellen Klukow</i></p>	<p><b>Open Waters: Learning from the Next Generation of Aquatic Scientists</b>  <i>Chaired by FishCAST ECRs, Alfred Achieng, Raegan Davis, Sarika Suarez Sharma, Kendra Thompson-Kumar, Margaret Docker, Catherine Febria, Christina Semeniuk</i></p>	<p><b>Land-Water Linkages</b>  <i>Chaired by Erik Emilson, Jan Ciborowski</i></p>
8:00	<p><b><u>Silvia Newell</u></b>            Nutrient removal and greenhouse gas tradeoffs in a restored wetland in a highly agricultural midwestern watershed</p>	<p><b><u>Kendra Thompson-Kumar</u></b>            Casting an Inclusive Net: Feminist Pedagogy at the center of FishCAST, a NSERC-CREATE Program</p>	<p><b><u>Bijan Boroumand</u></b>            River alkalinity enhancement for carbon dioxide removal potential across diverse pH river systems</p>
8:20	<p><b><u>Sharon Gubamwoyo</u></b>            Alum Sludge Management Using Constructed Wetlands: A Case Study from Lake Victoria, Uganda</p>	<p><b><u>Gabrielle Perugini</u></b>            Assessing fish habitat on First Nation shorelines: A collaborative A/OFRC approach to standardized assessments</p>	<p><b><u>Ben Collison</u></b>            Drivers of summer thermal regimes in Atlantic salmon (<i>Salmo salar</i>) headwater streams</p>
8:40	<p><b><u>Kenneth Anderson</u></b>            Connectivity drives nutrient retention by constructed wetlands in the H2Ohio Wetland Monitoring Program</p>	<p><b><u>Katrina Audet</u></b>            Gillnetting vs eDNA: Lake Winnipeg fish stock monitoring using traditional vs non-invasive techniques</p>	<p><b><u>Alex Ross</u></b>            Watershed-scale influences on Brook Trout distribution and habitat suitability in boreal headwater streams</p>
9:00	<p><b><u>Mary Ellen Klukow</u></b>            Monitoring Nutrient Filtration in Restored Great Lakes Wetlands: Pairing Soil and Water Nutrient Indicators</p>	<p><b><u>Isabelle Yakmission</u></b>            The use of eDNA techniques in conservation of Mapleleaf Mussel (<i>Quadrula quadrula</i>) in Manitoba</p>	<p><b><u>Erik Emilson</u></b>            Consideration of land-water linkages in managing outbreaks of defoliating insects in forests</p>
9:20	<p><b><u>Trevor DeGroot</u></b>            Assessing Wetland Plant Responses to Variable Hydrology Using a Trait-Based Approach</p>	<p><b><u>Morgan Anderson</u></b>            Invisible DNA, Visible Impacts: Learning Environmental DNA Through MeDLEY</p>	<p><b><u>Khyla Wiltshire-Mateer</u></b>            Assessing effects of defoliation by spruce budworm on the gut microbiome of stream macroinvertebrates</p>
9:40	<p><b><u>Lauren Brown</u></b>            Assessing the Nutrient Function of Plant Traits to Guide Wetland Construction and Management</p>	<p><b><u>Ted Lawrence</u></b>            Tropical Freshwater Training: The desire. The need. A vision &amp; plan.</p>	<p><b><u>Jan Ciborowski</u></b>            Vegetation and aquatic invertebrate colonization/persistence in landscapes reclaimed from open pit mining.</p>
10:00	<b>Morning coffee break</b>		

# FRIDAY, MAY 29, 8:00-10:00

Room 13	Room 15	Room 17	
<p><b>Bridging Borders and Disciplines - Challenges and Benefits (Part 2)</b>  <i>Chaired by Jessica Ives, Scott Colborne, Brittany Zepernick, Hillary Glandon, Diane Orihel</i></p>	<p><b>Enhancing Understanding and Supporting the Resilience of MANOOMIN (Wild Rice) Through Collaborative Knowledge</b>  <i>Chaired by Lienne Sethna, Vince Palace</i></p>	<p><b>Invasive Species in Connected Waters</b>  <i>Chaired by Brendan Spearin, Kaitlyn Brougham, Elaina Waters</i></p>	
	<p><b><u>Marianne Bachand</u></b>            Advancing Wild Rice Habitat and Productivity Modelling for the Rainy-Namakan System</p>		8:00
<p><b><u>Xuexiu Chang</u></b>            Bridging the aquatic continuum across continents: challenges and benefits of a multi-national collaboration on cyanobacterial blooms under One Health Framework</p>	<p><b><u>Julianna Wanke</u></b>            Effects of Water and Competition Stress on the Growth of Two Varieties of Wild Rice (Manoomin)</p>	<p><b><u>Joey Tonin</u></b>            Things are connected in ways you wouldn't expect - the biogeography of AIS in Manitoba</p>	8:20
<p><b><u>Alfred Achieng</u></b>            Great Lakes Ecology and Fisheries: Insights from the Laurentian and African Systems.</p>	<p><b><u>Lienne Sethna</u></b>            Historical abundance and extent of wild rice: environmental drivers leading to its decline in Northern Minnesota</p>	<p><b><u>Michaela Novak</u></b>            Territory-Wide Monitoring of Aquatic Invasive Species in Treaty #3: A Collaborative Approach to Stewardship</p>	8:40
<p><b><u>Kefa M. Otiso</u></b>            The role of Kenyan cities in the creation and management of Lake Victoria's cHABs: Benefits and Challenges of International Interdisciplinary Research</p>	<p><b><u>Jyles Copenace</u></b>            Reintroducing manoomin in Treaty 3 Communities; iterative collaborative approaches to understand limitations</p>	<p><b><u>Patrick Hanington</u></b>            Tracking Prussian Carp Across Connected Urban Stormwater Ponds Using Environmental DNA</p>	9:00
<p><b><u>Paul Simonin</u></b>            Shared Waters Alliance: lessons and opportunities in transboundary water quality and shellfish restoration</p>	<p><b><u>Tori Agnew-Camiener</u></b>            Exploring the state of science and knowledge of Manoomin in the Great Lakes and beyond</p>	<p><b><u>Christopher Somers</u></b>            Coming soon to a waterbody near you: invasive Prussian carp are on the move!</p>	9:20
<p><b><u>Teika Newton</u></b>            The Rainy-Lake of the Woods International Multi-Agency Arrangement: Facilitating Cooperative Action for Water Quality Restoration</p>	<p><b><u>Braedon Humeniuk</u></b>            Characterizing the Impact of Salinization on Wild Rice (<i>Zizania palustris</i>) to Inform Ecological Risk Assessment</p>	<p><b><u>Sarika Suarez Sharma</u></b>            Managing Phragmites from Above: A Remote Sensing and Deep Learning Approach for Ecological Monitoring in the Great Lakes Basin</p>	9:40
<b>Morning coffee break</b>			10:00

# FRIDAY, MAY 29, 10:20-12:20

	Room 4-N	Room 4-S	Room 5	Room 6
	<p><b>Informing Freshwater Policy &amp; Practice by Reflecting on Successes and Failures</b></p> <p><i>Chaired by Steven Cooke, Irena Creed, Jessica Reid</i></p>	<p><b>From Pings to Policy: Practical Applications in Fish Telemetry Research</b></p> <p><i>Chaired by Caleb Hasler, Lee Gutowsky, Doug Watkinson, Simon DePasquale</i></p>	<p><b>Anthropogenic Impacts on Aquatic Food Webs</b></p> <p><i>Chaired by Garth Covernton, Stephanie Graves</i></p>	<p><b>Great Slave and Great Bear Lakes: Recent Findings, Partnerships, and the Future</b></p> <p><i>Chaired by Marlene Evans, Diane Giroux, Kim Howland, Xinhua Zhu</i></p>
10:20	<p><b>Ben Maracle</b> From the Ground Up: Local Barriers and Opportunities for Shoreline Adaptation along Lake Ontario in New York State</p>	<p><b>Erica Plivelic</b> Structured Perturbations in Aquatic Ecosystems: Evaluating Encounter Risk of Freshwater Fish Communities</p>	<p><b>Kate Vonderbank</b> Trophic ecology of sympatric jellyfish species in the coastal summer food web in Newfoundland, Canada</p>	<p><b>Kimberly Howland</b> A long term community-based monitoring program to assess the effects of harvest and climate change on the Great Bear Lake aquatic system</p>
10:40	<p><b>Panel</b></p>	<p><b>Mitchell B. Shorgan</b> Effects of surgical implantation of electronic tags in fishes: a review and meta-analysis</p>	<p><b>Jacob Lasci</b> Integrating eDNA, visual gut analysis, and stable isotopes to uncover overlapping foraging niches of Lake Huron salmonids.</p>	<p><b>Panel</b></p>
11:00		<p><b>Philip Harrison</b> New Brunswick Ecosystem Study: Fish telemetry to support a catchment wide fish passage management plan</p>	<p><b>Graham Matheson</b> Trophic Ecology of Lake Sturgeon (<i>Huso fulvescens</i>) in a Historically Diverted Watershed</p>	
11:20			<p><b>Mariana Pinho</b> Living on the warm side: anthropogenic thermal effluent alters crayfish population structure</p>	
11:40			<p><b>Jake Zunker</b> Pollen mineralization fuels biogeochemical cycling and microbial community succession in Lake Superior</p>	
12:00				

Room 7	Room 8	Room 9	
<p><b>Trophic Hotspots Across Ecosystems and Their Impact on Aquatic Food Webs</b>  <i>Chaired by Timothy J. Fernandes, Charlotte Ward, Rachael Keighan, Kevin S. McCann</i></p>	<p><b>Physical Processes in Lakes</b>  <i>Chaired by Shuqi Lin, David Cannon, Jay Austin, Dan Titze, Chin H Wu</i></p>	<p><b>Shared Experiences in Planning, Executing, and Monitoring Projects Requiring Approval Under Canada's Fisheries Act</b>  <i>Chaired by Andre-Marcel Baril, Laura Phalen</i></p>	
<p><b><u>Nathan Furey</u></b>                      Feeding, physiological, and behavioral responses of a predatory fish to salmon-based trophic hotspots</p>	<p><b><u>David Cannon</u></b>                      Assessing Ice Risks for Offshore Engineering in the Great Lakes</p>	<p><b><u>Michael Raess</u></b>                      Parallel Processes in Practice: Integrating Design Evolution, Engagement, and Fisheries Act Approvals</p>	10:20
<p><b><u>Michael Rennie</u></b>                      What makes lakemounts an ecological hotspot? Testing hypotheses of energy pathways at Superior Shoal</p>	<p><b><u>Joshua Anderson</u></b>                      Building a High-Resolution Flood Forecast Model for the Michigan-Huron-Erie System</p>	<p><b><u>Greg Courtice</u></b>                      Offsetting Opportunities through Channel-Floodplain Systems: A Case Study in the Sheep River Watershed</p>	10:40
<p><b><u>Kevin McCann</u></b>                      Trophic Hotspots, Spatio-Temporal Variability and Resilience</p>		<p><b><u>Andre-Marcel Baril</u></b>                      Clarifying Roles and Responsibilities in Habitat Offsetting under the Fisheries Act</p>	11:00
			11:20
			11:40
			12:00



## FRIDAY, MAY 29, 10:20-12:20

	Room 10	Room 11	Room 12
	<p><b>Managing Wetlands for Connectivity: Needs and Challenges for Improving Water Quality with Wetlands</b>  <i>Chaired by Kenneth Anderson, Olivia Schloegel, Lauren Brown, Mary Ellen Klukow</i></p>	<p><b>Open Waters: Learning from the Next Generation of Aquatic Scientists</b>  <i>Chaired by FishCAST ECRs, Alfred Achieng, Raegan Davis, Sarika Suarez Sharma, Kendra Thompson-Kumar, Margaret Docker, Catherine Febria, Christina Semeniuk</i></p>	<p><b>Land-Water Linkages</b>  <i>Chaired by Erik Emilson, Jan Ciborowski</i></p>
10:20	<p><b><u>Olivia Schloegel</u></b>            Quantifying and communicating uncertainty in wetland nutrient retention: Lessons learned from dialogue among researchers and practitioners.</p>	<p><b>Discussion</b></p>	<p><b><u>Roshni Mohan</u></b>            From Fractions to Fluxes: Sedimentary Nutrient Dynamics in Transitional Aquatic Ecosystems</p>
10:40	<p><b><u>W. Robert Midden</u></b>            Geostatistical Optimization of Soil Sampling Regimes in Wetlands Using Variograms and Kriging</p>		<p><b><u>Janina Plach</u></b>            Mobility and fate of phosphorus in agricultural streams impacted by rural point sources</p>
11:00	<p><b><u>Alexandra Ochs</u></b>            Fact or Fiction: Unraveling SPSC's Relationship to Nutrient Flux</p>		<p><b><u>Cory Barstow</u></b>            Phosphorus uptake and transformation by periphyton during a high concentration event: A microcosm study</p>
11:20			<p><b><u>Alexia Macri</u></b>            To Buffer, or Not to Buffer: A Multivariate Exploration of Land-Based Stewardship and Freshwater Ecosystem Health Indicators</p>
11:40			<p><b><u>Riley Ralph</u></b>            Urbanization gradients shape environmental conditions and microbial communities in Lake Erie tributaries</p>
12:00			<p><b><u>Leif DeVaney</u></b>            Do we need a lake ethic? Lessons from Leopold's land ethic</p>

FRIDAY, MAY 29, 10:20-12:20

Room 13	Room 15	Room 17	
<p><b>Bridging Borders and Disciplines - Challenges and Benefits (Part 2)</b>  <i>Chaired by Jessica Ives, Scott Colborne, Brittany Zepernick, Hillary Glandon, Diane Orihel</i></p>	<p><b>Enhancing Understanding and Supporting the Resilience of MANOOMIN (Wild Rice) Through Collaborative Knowledge</b>  <i>Chaired by Lienne Sethna, Vince Palace</i></p>	<p><b>Invasive Species in Connected Waters</b>  <i>Chaired by Brendan Spearin, Kaitlyn Brougham, Elaina Waters</i></p>	
<p><b>Samantha Tank</b>            Coordination of two multinational initiatives to control invasive dreissenid mussels in North America’s Great Lakes</p>	<p><b>Madeline Nyblade</b>            Climate Change and Declining Manoomin Abundance and Harvests in the Upper Great Lakes</p>	<p><b>Panel Discussion: Invasive Species in Connected Waters</b></p>	10:20
<p><b>Julia Hambleton</b>            Exploring the theory and practice of blue justice: a case study of the St. Marys River</p>	<p><b>Lisa Peters</b>            Monitoring changes in biodiversity following cattail management and reintroduction of wild rice using environmental DNA</p>		10:40
<p><b>Julius Manyala</b>            Toward Resilient African Great Lakes: a Five-Year Strategy for Science-driven Governance and Sustainability</p>	<p><b>Katharina Schmidt</b>            Restoring Trust in Wild Rice Research Through Robust and Reciprocal Communication Networks</p>		11:00
<p><b>Activity</b></p>	<p><b>Panel Discussion</b></p>		11:20
			11:40
			12:00



# SCIENCE IN SERVICE TO SOCIETY SINCE 1974

## NOAA GLERL

A world leader in freshwater science, GLERL advances observing, sampling, modeling, and predicting the Great Lakes to promote resilient ecosystems, communities, and economies.

Our research supports those living, working, and recreating across the Great Lakes Basin by sharing knowledge and data to support economies and protect communities.



# POSTER SESSION

RBC Convention Centre, Room 3

Tuesday, 6–8 p.m.

Posters are grouped in the following themes:

CEH	Climate Change, Extreme Events & Hydrological Dynamics.....	66
FFA	Food Webs, Fisheries & Aquatic Ecology .....	66
IKG	Indigenous Knowledge, Governance & Water Relationships.....	68
KPC	Knowledge Co-Creation, Partnerships & Community Engagement.....	68
NAR	Northern, Arctic & Remote Lake Systems.....	68
PMC	Policy, Management & Applied Conservation .....	69
PCP	Pollution, Contaminants & Plastic Impacts .....	70
TIE	Technology, Innovation & Emerging Tools .....	70
WWN	Watershed Management, Wetlands & Nutrient Dynamics .....	70
GEN	General .....	71
	Virtual .....	71

Posters will remain on display through 10:30 a.m. on Friday, May 29.

# POSTERS

## CLIMATE CHANGE, EXTREME EVENTS & HYDROLOGICAL DYNAMICS (CEH)

- CEH-1 Tariq A. Deen  
Assessing climate change impacts on water and carbon fluxes in the Grand River (Canada) and Maumee (US) watersheds using MESH-CLASSIC model
- CEH-2 Ollie Johnson  
Diffusive and ebullitive fluxes across a salinity gradient of lakes in the northern great plains
- CEH-3 Nathan Nadeau  
Assessing the Flood Vulnerability in the City of Hamilton, Ontario Under Different Scenarios of Climate Change
- CEH-4 Kyle Peco  
Regional and Global Reanalysis Datasets for Energy Fluxes and Snowstorm over the Great Lakes Region

- CEH-5 Christopher Spence  
Ship-borne eddy covariance systems identify turbulent flux boundaries on the Laurentian Great Lakes

## FOOD WEBS, FISHERIES & AQUATIC ECOLOGY (FFA)

- FFA-1 Natalya Assance  
Walleye movement across the north shore of Lake Superior
- FFA-2 Suzane O. Barboza  
Ichthyofauna associated with aquatic macrophytes in an impacted Amazonian lake with different regeneration stages
- FFA-3 Raven Bennett  
Thermal stress impacts on gene expression, plasma, and growth in juvenile bull trout (*Salvelinus confluentus*)



## Wondering what's new from the International Joint Commission?

Scan to find @IJCsharedwaters at IAGLR and learn more about the IJC's recent and upcoming work on Great Lakes water quality and science matters.



[bit.ly/IJC-IAGLR26](https://bit.ly/IJC-IAGLR26)

## Submit your photos and vote for your favorites in the IJC's Great Lakes Photo Showcase

*Photo submission deadline: May 31*

*Voting deadline: June 8*



[bit.ly/GL-photos](https://bit.ly/GL-photos)

Submissions may be featured on the IJC's website, social media, emails, or in the upcoming Triennial Assessment of Progress report. The top 10 photos will be featured in a Great Lakes postcard set.

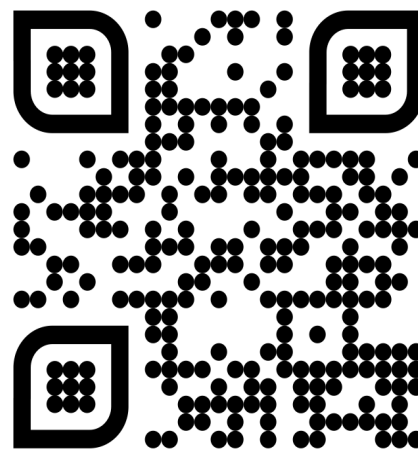
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|---|---|
| <p>FFA-4    Andrea Chandler<br/>Comparing Key TFM Detoxification Genes Across Fish Taxa</p> <p>FFA-5    Garth Covernton<br/>Exploring the effects of microplastic pollution on a full lake food web</p> <p>FFA-6    Gail Davoren<br/>Atlantic herring spawning locations, timing, and habitat characteristics in coastal Newfoundland, Canada</p> <p>FFA-7    Emily DeJaegher<br/>Genetic structure of a recent invader to Atlantic Canada, the Asian shore crab (<i>Hemigrapsus sanguineus</i>)</p> <p>FFA-8    Lauren Fanick<br/>Ontogenetic Dietary Shifts of Silver Shiner (<i>Notropis photogenis</i>) in a Canadian watershed</p> | <p>FFA-9    Monica Giesbrecht<br/>Behavioural Responses of Lake Trout to Prey Reintroduction</p> <p>FFA-10    Mia-May Grabovac<br/>The efficacy of metabarcoding for monitoring early life stages of seafloor invertebrates in the Western Canadian Arctic (WCA)</p> <p>FFA-11    Gillian Haig<br/>Investigating Temporal Food Web Dynamics in Georgian Bay: A Multiple-Biotracers and Tissue Analysis</p> <p>FFA-12    Sarah Kingsbury<br/>The end of the line: a case study ground-truthing the import of freshwater non-indigenous species for the aquarium trade in Nova Scotia, Canada</p> |
|---|---|

**Take this short (<5 min) survey to help identify emerging water-related opportunities and risks in the Great Lakes watershed and better prepare for what's ahead.**

The University of Michigan Water Center is facilitating a horizon scan process to surface and plan for under-addressed or poorly understood issues that could shape the region's future.

**Your insights shared through this survey are critical to this process.**

**Take the survey now!**



[myumi.ch/D8d3x](https://myumi.ch/D8d3x)



# POSTERS

- FFA-13 Paige Lipczynski  
Varying viability: Context dependence of thermal and hypoxia tolerances of a freshwater fish species at-risk
- FFA-14 El Lower  
The GLANSIS Social Science Data Hub
- FFA-15 Lauren Mader  
Diet and interactions between co-occurring intertidal invasive crabs in Nova Scotia, Canada
- FFA-16 Stephanie S. Maheux  
Detecting Striped Bass, Smallmouth Bass, and Atlantic Salmon in the Miramichi River using environmental DNA
- FFA-17 Andrew Mulligan  
Updated ecological impact history of dreissenid mussels in the Great Lakes
- FFA-18 Mariana Novello  
Darwin's Naturalization Conundrum: Unraveling Amazonian Top Predator Invasion Success Through Phylogeny and Functional Traits
- FFA-19 Rodrigo M. Oliveira  
River intermittency promotes food partitioning among freshwater fishes in the Brazilian semiarid
- FFA-20 Amy Pitzel  
Characterization of canonical vertebrate sex determination and differentiation genes in sea lamprey
- FFA-21 Larisa Renaud  
Exploring Biodiversity Patterns of Freshwater Mussels and Benthic Macroinvertebrates within an Experimental Mitigation Translocation
- FFA-22 Jacques Rinchard  
Lipid and Fatty Acid Signatures of Cisco Eggs from Wild and Domesticated Broodstock
- FFA-23 Moana Rothe-Neves  
The chronic impact of mining does not affect the survival of Trichoptera (Trichoptera - Insecta) in a tropical river

- FFA-24 Thiago Santos  
Ecological characteristics of the ichthyofauna in the Jacuí River basin, Rio Grande do Sul, Brazil
- FFA-25 Sophia Shaban  
Legacy in the Water: Haplochromine Diversity and the Future of Lake Victoria's Conservation
- FFA-26 Cecilia Sobral  
This Lake Isn't Big Enough for the Two of Us: Apparent Exclusivity Between *Mysis diluviana* and *Chaoborus* spp. Revealed Through Assisted Re-establishment at the IISD Experimental Lakes Area

## **INDIGENOUS KNOWLEDGE, GOVERNANCE & WATER RELATIONSHIPS (IKG)**

- IKG-1 Phoolman Chaudhary  
Wisdom of Indigenous Peoples: Protecting Lakes, Life, and the Future
- IKG-2 Reid Pestana  
Building stronger partnerships: Improving Indigenous-Agency collaboration for Sea Lamprey management in the Great Lakes

## **KNOWLEDGE CO-CREATION, PARTNERSHIPS & COMMUNITY ENGAGEMENT (KPC)**

- KPC-1 Tijana Aluloska  
Building Capacity for Indigenous Community-Based Monitoring: A Scalable Approach to Prairie Water Quality Assessment

## **NORTHERN, ARCTIC & REMOTE LAKE SYSTEMS (NAR)**

- NAR-1 Jodie Houck  
Do habitat and environment affect coastal mobile benthic assemblages in Qikiqtarjuaq, Nunavut?
- NAR-2 Shuqi Lin  
Year-round observation and modelling of the thermal structure in Great Slave Lake

- NAR-3 Tyson Scott  
Assessing stress response to nutrient availability in subsistent species
- NAR-4 Khang Trinh  
Baseline Assessment of Nearshore Soft-sediment Macrofaunal Communities in Qikiqtarjuaq, Nunavut

## POLICY, MANAGEMENT & APPLIED CONSERVATION (PMC)

- PMC-1 Sara Ang  
Evaluating access perceptions and fish use practices of urban provisioning fishers on Lake Michigan
- PMC-2 Amy Carlson  
Does soft release allow physiological recovery from transport in stocked Atlantic Salmon (*Salmo salar*)?

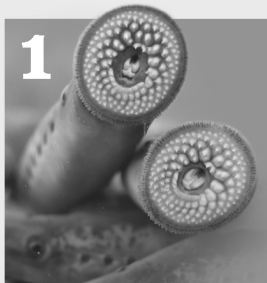
- PMC-3 Brie Edwards  
Conservation and Restoration of Aquatic Diversity in the face of Legacy and Emerging Stressors
- PMC-4 Emma Geffros  
Exploring broad-scale relationships between environmental change variables and lake fish community trends
- PMC-5 Enrique Gomezdelcampo  
Connected Infrastructure, Competing Demands: AI Data Center Growth and the Challenge of Binational Great Lakes Water Governance
- PMC-6 Caelin Randall-Scott  
A practical approach towards developing pressure dispersal methods in SCAIRM: A case study of underwater noise
- PMC-7 Samantha Sherry  
Fishing for Food or Fun? Understanding Chicago Urban Angling



### Protecting the Great Lakes Fishery

The Great Lakes Fishery Commission is an international organization established by Canada and the United States through the 1954 Convention on Great Lakes Fisheries. The commission has the responsibility to support fisheries research, control the invasive sea lamprey in the Great Lakes, and facilitate implementation of *A Joint Strategic Plan for Management of Great Lakes Fisheries (JSP)*, a non-binding, consensus-based provincial, state, and Indigenous fisheries management agreement.

The Commission has three main responsibilities:



#### 1 Sea Lamprey Control

Sea lampreys are primitive fish parasites native to the Atlantic Ocean. The control program has been successful, reducing sea lamprey populations by 90% in most areas of the Great Lakes.



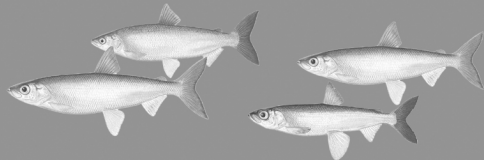
#### 2 Science & Research

The Commission formulates a coordinated bi-national research program to identify ways to nurture the maximum sustained productivity of Great Lakes fish stocks and, based on that research, to recommend specific management initiatives to the governments.

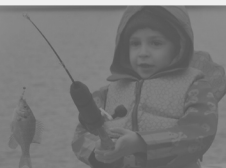


#### 3 Fishery Management

The Commission facilitates cooperate fishery management through implementation of *The Joint Strategic Plan*, which calls for development of shared fish community objectives, data sharing, and adherence to ecosystem management.



Everyone benefits from a healthy fishery.  
Learn more at [glfc.org](http://glfc.org)



# POSTERS

## POLLUTION, CONTAMINANTS & PLASTIC IMPACTS (PCP)

- PCP-1 Kennedy Bucci  
Collecting litter and data in Thunder Bay's storm drains
- PCP-2 Akewake Geremew  
Tracing Anthropogenic and Natural Lead Sources in the Akaki River, Ethiopia: Isotopic Forensics and Multivariate Insights for Policy-Relevant Water Management
- PCP-3 Lorine Auma Omondi  
Assessment of per and polyfluoroalkyl substances (PFAS) in the Great Lakes using dreissenid mussels
- PCP-4 Julia Reese  
Assessing Digenean trematode diversity in stressor-affected lakes at the IISD - ELA
- PCP-5 Jessica Robson  
Sediment Mercury and Dissolved Organic Matter Responses to Capping in St. Clair River
- PCP-6 Xuexing Yao  
Seasonal water-quality in a Great Lakes Connecting Channel from a One Health perspective

## TECHNOLOGY, INNOVATION & EMERGING TOOLS (TIE)

- TIE-1 Alexandra Giuliano  
Validation of an eDNA tool to evaluate invertebrate communities with wild rice restoration.
- TIE-2 Rafaela S. Y. Kimura  
Limnological compartmentalization and interannual trends in Small Hydropower Plants reservoirs, southeast Brazil

## WATERSHED MANAGEMENT, WETLANDS & NUTRIENT DYNAMICS (WWN)

- WWN-1 Rebecca Bowen  
Saginaw Bay Monitoring Consortium: Land use and nutrient transport in the Saginaw Bay Watershed
- WWN-2 McKayla Dzyngel  
Nutrient Loads Alone Can Predict Microcystin in Lake Erie Harmful Algae Blooms
- WWN-3 Agoston Fischer  
Application of remote sensing to monitoring water quality in urban stormwater retention ponds
- WWN-4 Rachel Gumpfer  
Multi-Decadal Wetland Change Dynamics of Coastal Lake Huron
- WWN-5 Julia K. Kozak  
Ecological Divergence, Physiological Convergence: Iron-mediated PSII Efficiency Across Boreal Lakes
- WWN-6 Alexey Neumann  
Spatial and Temporal Dynamics of Phosphorus in Agricultural Subwatersheds Draining to Lake Erie
- WWN-7 My Nguyen  
Spatial-temporal proliferation of Harmful Algal Blooms (HAB): A hydrodynamic modelling case-study of Torment Lake (TL), Nova Scotia
- WWN-8 Sherry Schiff  
Where Did All the Nitrate Go? Two Whole Lake Nutrient Addition Experiments at the IISD-ELA, Canada
- WWN-9 Allyza Tabirara  
Characterizing Sediment Phosphorus in the FortWhyte Alive Lakes
- WWN-10 Yashodha Charuni Weerasekara  
Influence of dissolved organic matter on snowmelt phosphorus loss from agricultural soils, Red River Basin

**GENERAL (GEN)**

- GEN-1 Brigitte Mongane  
Comparative Assessment of Preservation Methods for *Limnothrissa miodon* from Lake Kivu: Microbiological Safety, Nutritional Retention and Biochemical Stability
  
- GEN-2 Amanda L. Olsen  
From Lakes to the Sea: Diet and Freshwater Foraging of Anadromous Arctic char (*Salvelinus alpinus*) During Early Marine Transition
  
- GEN-3 Zayd Walid  
Urban Groundwater Monitoring Under Contrasting Sewer Pipe Condition and Proximity to the Detroit River

**Virtual Posters**

The following posters will be available online for viewing throughout the week. Just access the online program from the QR code, open the *Scientific Program* menu at the top, and select *Presentations*. Then filter by Type (*Poster*) and Method of Delivery (*Virtual*). Visit and leave comments or questions for the authors. You can also search for the presenter’s name.



[bit.ly/4wIQZ7G](https://bit.ly/4wIQZ7G)

**Aiden Hindmarch**

Indigenous Community-Based Monitoring and Data Sovereignty: Collaborating with Poplar River First Nation

**Hannah Parisella**

Improving Water Quality Prediction Models for Ballast Water Management in the Great Lakes



JOIN OUR TEAM AND GROW WITH US

# SCAS IS HIRING

- 📅 Application deadline: June 5, 2026
- 🕒 One day/week, with some flexibility for additional hours
- 🌐 Remote work environment

## Executive Director

SCAS is seeking a new Executive Director to take over the existing position and provide ongoing leadership for the society. We are looking for someone to implement the strategic plans and policies of SCAS and provide general supervision of the society’s affairs.

REJOIGNEZ NOTRE ÉQUIPE ET ÉVOLUEZ AVEC NOUS

# SCSA RECRUTE

- 📅 Date limite de candidature : 5 juin 2026
- 🕒 Un jour par semaine, avec une certaine flexibilité pour des heures supplémentaires
- 🌐 Environnement de travail à distance

## Directeur général

La SCSA recherche un nouveau directeur général pour occuper le poste vacant et assurer la direction de l’association. Nous recherchons une personne capable de mettre en œuvre les plans stratégiques et les politiques de la SCSA et d’assurer la supervision générale des activités de l’association.



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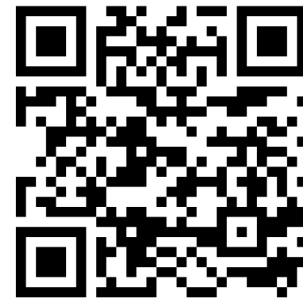
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# FREE SCREENING

Wednesday, May 27 • Doors open 6 p.m.

I AM  
THE RIVER  
THE RIVER  
IS ME



**IAGLR & SCAS  
Joint Conference**

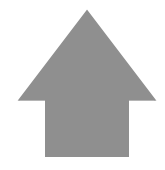
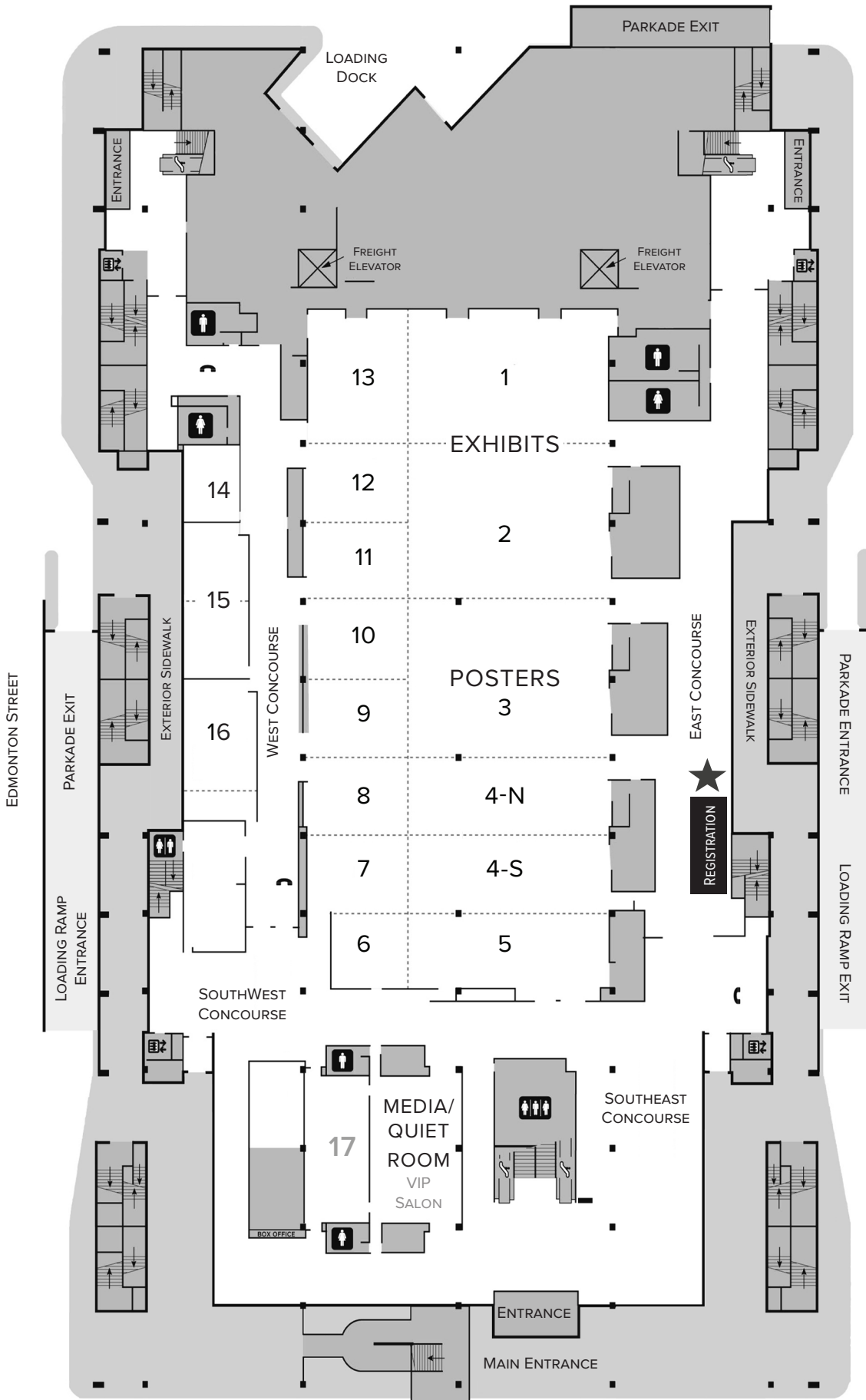
**RBC Convention Centre**  
2nd Floor Plenary Room, North Building



# NOTES



# RBC CONVENTION CENTRE, 1ST FLOOR NORTH



**ON THE 2ND FLOOR,**

**NORTH BUILDING**

- PLENARIES  
(Room 2E-H)
- BUFFET LUNCH  
(Room 2E-H)
- FILM SCREENING  
(Room 2E-H)
- AWARDS BANQUET  
(Room 2E-H)
- LACTATION ROOM  
(Edmonton Street Office)
- SECURITY DESK  
(South Concourse)



# SCAS 2027

## February 17-20

### Victoria, BC



Photo Credit: Destination Greater Victoria

Keep an eye on our website and social media for updates on sessions, abstracts, and more!



**SCAS • SCSA**  
Society of Canadian Aquatic Sciences  
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Great Lakes, Global Impacts

# IAGLR 2027

DULUTH • MAY 24–28

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