Welcome new IAGLR members



EVA ENDERS

Research Scientist
Fisheries and Oceans Canada, Freshwater Institute

About my work

My research interest lies in studying the effects of natural and anthropogenic changes of flow and climate on fish and fish habitat. In my research, I enjoy working in large multi-disciplinary research teams. Most of my lab's research relates to conservation physiology, fish behavior and bioenergetics, and aquatic ecology to provide science advice for Fisheries and Oceans Canada's Species at Risk, Fish and Fish Habitat Protection, and Aquatic Invasive Species programs. We are combining controlled laboratory experiments on freshwater fishes that facilitate hypothesis testing with field experiments to validate developed models.

Due to the Government of Canada's interest in the protection of Lake Winnipeg, the focus of my research program has shifted in recent years from small stream systems to the Lake Winnipeg basin. In collaboration with several provincial, federal, and state agencies, as well as universities, we are currently conducting a large-scale telemetry project to analyze fish movement and habitat use, a long-term pelagic fish survey, a bathymetry and substrate survey, and a near-shore monitoring program. In these projects, we are particularly interested in studying species at risk and understanding the impacts of non-native species on the ecosystem.

Why IAGLR?

Due to my recent research focus on Lake Winnipeg, I joined IAGLR to become an active member of the community and learn about advances in Great Lakes research. The new research focus has also led to my involvement in the *Journal of Great Lakes Research* as guest editor for a special issue on "Lake Winnipeg – the emerging view after 15 years of whole-lake, whole-ecosystem science." I was hoping to attend IAGLR 2020 in person to meet and network with scientists, managers, and stakeholders concerned with large lakes and am looking forward to meeting members at future events.



KIRSTEN ROBINSON

Blue Accounting Coastal Wetlands Technician
The Nature Conservancy

About my work

I am beginning a new career in conservation at The Nature Conservancy in Michigan, USA, as a technician for the Blue Accounting Coastal Wetlands program. Blue Accounting is an initiative that was created in response to a call from both the U.S. and Canadian governments for a more efficient way to account for progress from investments in the Laurentian Great Lakes Basin. At this time, the focus areas on Blue Accounting include coastal wetlands, aquatic invasive species, source water, ErieStat (phosphorus levels in Lake Erie), and maritime transportation. I work with the coastal wetlands team to identify metrics for measuring progress, research the literature, write and publish material on the site, and update our content. Some of the ecological metrics I've worked on include a wetland breeding birds index, wetland breeding amphibians index, and the acreage of wetlands that are being protected, restored, or enhanced around the Great Lakes. I'm currently working to help develop socioeconomic metrics, such as the relationship of coastal wetlands to flood impacts on Great Lakes coastlines.

Why IAGLR?

Early this year, I collaborated with our team to create two presentations for the IAGLR 2020 conference related to our work on the socioeconomic benefits of coastal wetland projects. I was delighted when it turned out I could attend due to the conference going virtual. I enjoyed the variety and diversity of presentations from around the world. I also learned that access to IAGLR's *Journal of Great Lakes Research* could help me in my background research for Blue Accounting's Coastal Wetlands metrics. So I joined IAGLR, and I am excited to learn more about current happenings and research in all of the world's Great Lakes. As I grow professionally, I hope to stay a member of IAGLR and continue to discover new opportunities.