

Opportunities to collaborate on fresh water (St. Marys River and Lake Huron's North Shore)

What projects are happening in 2022-2023?

Please specify if there is an opportunity to collaborate/include contact info.

Freshwater Culture and Blue Economy Research (Water Wise)

Shoreline Clean-up (Water Wise)

Community-based ecosystem monitoring program (water quality, SAR, invasives) in Sault Ste. Marie, ON (coordinated with regional activities): elaine.hotassone@algomau.ca

SSMRCA would be please to collaborate on a video project featuring traditional knowledge around water. Christine Ropeter cropeter@ssmrca.ca

caught locally, that may be a health risk, depending on their consumption habits. Environment Canada has funded this project, and I expect when there are some results to share, they would be interested in sharing their findings with other interested

Ongoing acoustic telemetry projects involving common carp, walleye, and northern pike in upper St Marys River - Frank Zomer (fzomer@baymills.org)

using Water Rangers kits (west/south Manitoulin Island, and north shore of L.Huron), free field data collection app V. 2 about to launch which works offline - Water Rangers/Gabi Parent-Dollner gabrielle@waterrange

Citizen Science Water Quality Monitoring in St Joseph Channel area. Using Water Rangers Test Kits. Led by The Kensington Conservancy. Corinne corinne.wilkerson@kensingtonconservancy.org

Continued work toward the development of a Walleye Management Plan for the Ontario waters of Lake Huron (NDMNRF - Mark Muschett)

Development of an Acoustic Telemetry Array to Study Fish Movement in the Ontario waters of Lake Huron (NDMNRF - Mark Muschett)

The St. Marys River Fisheries Task Group (SMRFTG) member agencies will be doing a Fish Community Index Survey in 2022. NDMNRF and MDNR are planning to do an open water Sport Fish Creel on the St. Marys River (May-Oct. 2022)

Wild rice restoration, seeding, and research projects at several sites in the St Marys River - fzomer@baymills.org

Water quality monitoring on aquatic resources of the Bay Mills Indian Community (including Lake Superior, St. Marys River, and wetlands), SMR E. coli monitoring, wetland bioassessments. - bwesolek@baymills.org

Many proposals are currently in review, should know more about future GRFN projects next month!

and Wildlife Restoration Act and is a collaboration among LSSU, DFO, USFWS, USGS, OMNRF, MDNR, the Sault Ste. Marie Tribe of Chippewa Indians, the Bay Mills Indian Community, and the Anishinabek/Ontario

St. Marys River AIS Survey (Fish Sampling using gillnets, fyke nets, boat electrofishing) Project partners include: NDMNRF, DFO, USFWS, Sault Tribe, MDNR, CORA, BMIC) stephen.chong@ontario.ca

river-wide larval fish survey as part of the Cooperative Science and Monitoring Initiative. Sampling weekly from early spring through summer. Small vessel platform, we can collect other samples if asked. Ed Roseman -

Do you have updates or events to share?

launch or sampling season events with funding from NRSRC; expansion of L.Erie Guardians program to other GL; note that Water Rangers does have Promoscience grant and can provide free kits to communities with education component

Michigan Chapter of the American Fisheries Society is meeting March 17-18 in Sault Ste. Marie, MI <https://michigan.fisheries.org/annual-meetings/upcoming-meeting/>

species research and management from the 2022 Invasive Species Forum in early February - recordings are on the ISC Youtube Channel (link below)! <https://www.youtube.com/watch?v=bAcxClqkaDE&list=PLdxRdOLT-h0htPamBtXv9eicZ3>

Community Fish Consumption Survey for the St. Marys River Area of Concern - http://bpac.algomau.ca/?page_id=3871. - Lisa.derickx@algomau.ca

World Water Day March 22 (VIRTUAL School presentations AM, community panel PM) - Water Wise

Water Arts - Call for groups to develop water messaging through various mediums. Water Wise

Do you have any resources (e.g., links) to share?

Online interactive map on environment restoration and monitoring in the SMR AOC (includes past WQ studies) http://bpac.algomau.ca/?page_id=76

Facilities @GLFC available to support community initiatives: soil and water chemistry, molecular analyses, DNA/RNA extraction. erik.emilson@nrcan-rncan.gc.ca

projects looking to improve water quality/rehabilitation. Here is the link for more information: <https://saultstemarie.ca/Cityweb/media/Community-Services/FutureSSM/Community-Development-Fund-Green-Initiatives-Program-A>

<https://lakehuroncommunityaction.ca/>

Mysterious Macro - 1 of over 20 children's on-hand activity centres on the topic of clean water is available at the SSMRCA contact Christine at cropeter@ssmrca.ca

https://www.lssu.edu/cfre/miwaternet/Automated_monitoring_of_water_quality_using_sensor_bundles

Water Rangers - waterrangers.ca; Water Rangers data platform - <https://app.waterrangers.ca/>; Testkits <https://waterrangers.ca/testkits/>

online platform for accessing and sharing water quality data: <https://greatlakesdatastream.ca>; including Garden River First Nation monitoring results: <https://greatlakesdatastream.ca/upload#/dataset/77d68d2b-418e-47de-a942-e3ba4e72d>

www.livinglabsnetwork.org - watershed-scale network for social justice and sustainability with academics, community orgs, and First Nation partners - one hub is Sault Ste. Marie - contact Rachel Portina -

freshwaterwise.ca
water.wise@algomau.ca

Created for the regional conference of water stewards and practitioners on February 16, 2022. For more information, email Dr. Elaine Ho-Tassone at elaine.hotassone@algomau.ca.

