



Lake Winnipeg Basin Program

Symposium March 20 & 21, 2019

Symposium Objectives

- share information and findings on scientific work in the Lake Winnipeg Basin;
- showcase projects being funded by ECCCC that support nutrient reduction efforts in the basin;
- highlight transboundary partnerships that support collaborative efforts in the basin; and
- provide an opportunity for networking and identifying potential collaborative opportunities among individuals and agencies engaged in work addressing nutrients in Lake Winnipeg.

Environment and Climate Change Canada's (ECCC) Activities in the Lake Winnipeg Basin

- Water quality and quantity monitoring
- Contribution to inter-jurisdictional organizations and boards on water quality issues
- Canada-Manitoba Memorandum of Understanding Respecting Lake Winnipeg and the Lake Winnipeg Basin (MOU) (2010-2020)
- Lake Winnipeg Basin Program (LWBP) - \$25.7 M (2017-2022)



Canada-Manitoba Memorandum of Understanding respecting Lake Winnipeg and the Lake Winnipeg Basin (CA-MB MOU)

- MOU signed in September 2010 and extended to 2020
- Science Subsidiary Arrangement signed in 2012
- MOU Steering Committee
 - Consisting of relevant federal and provincial representatives
 - Co-chaired by ECCC and Manitoba Sustainable Development
 - Lake Winnipeg Adaptive Management Framework Subcommittee formed in 2018
 - Leads Lake Indicators and State of the Lake Reporting



Lake Winnipeg Basin Program (LWBP)

Budget 2017 - \$25.7M over 5 years to support Ministerial freshwater mandate commitments in Lake Winnipeg

Three program pillars:

- **Nutrient Reduction**
 - Science
 - Nutrient reduction action

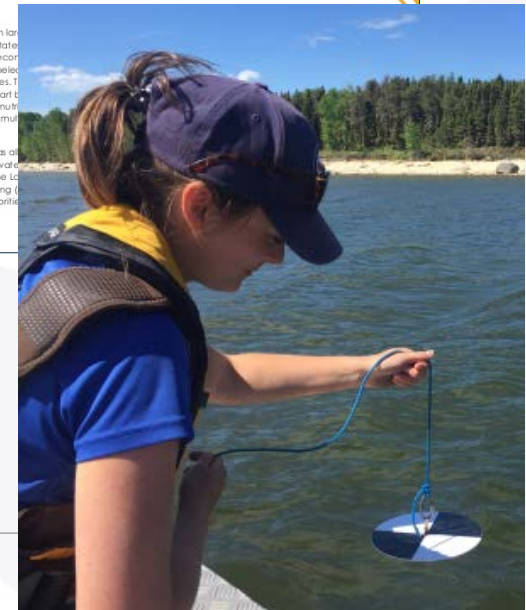
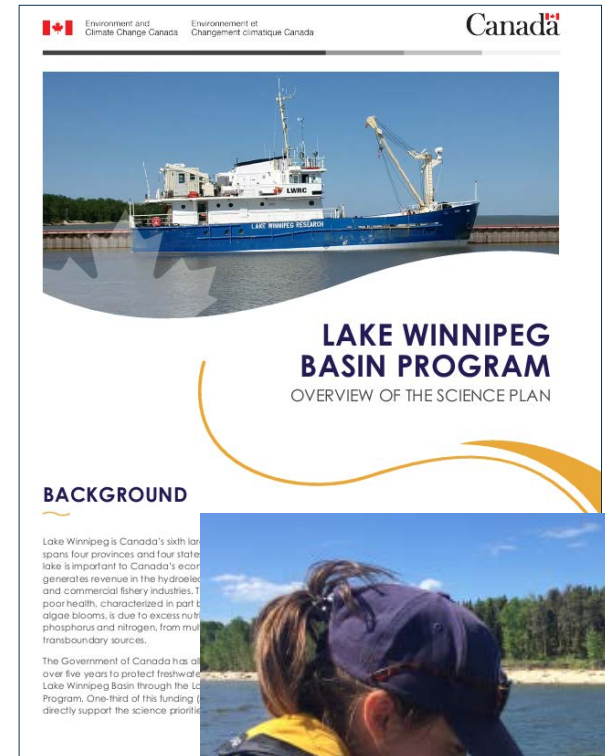
- **Collaborative Governance**
 - Encourage and strengthen collaborative efforts throughout the basin

- **Indigenous Engagement**
 - Enhance opportunities, capacity and the engagement of Indigenous peoples



Nutrients – Science Activities

- ECCCC Science Plan (\$8.5 M)
- Geomapping Projects
 - DFO – substrate mapping in Lake Winnipeg (\$265 K)
 - NRCan/Province of Manitoba – acquisition of LiDAR and updating the National Hydrometric Network (\$290 K)
- Directed Grants and Contribution Funding
 - Lake Winnipeg Research Consortium (\$950 K)
 - CanWIN – Canadian Watershed Information Network (\$250 K)



Grants & Contribution Funding (\$9.2 M)

- Directed Projects (over 5 years) - \$1.2 M
- Application-based Process - \$8.0 M
 - Nutrient Reducing Actions
 - Collaborative Governance
 - Indigenous Engagement
- 2018/2019 Call for Proposals
 - 23 projects approved (\$3.8 M)
- 2019/2020 Call for Proposals
 - 44 Proposals received
- Future Proposal Calls



LWBP – Other Activities

- 2017 Stakeholder Meeting – *What We Heard Report* Available
- Lake Winnipeg Basin Initiative Phase 2 Report
- Canada-Manitoba Memorandum of Understanding Post 2020
- Ongoing collaboration with watershed partners
- 2019 Symposium



**LAKE WINNIPEG
BASIN INITIATIVE
PHASE II FINAL REPORT**
2012/2013 TO 2016/2017