
*The Lake Superior Binational Forum supports
Citizen Science Monitoring programs during the
Year of Monitoring on Lake Superior in 2011.*

*We've compiled this sample of organizations that offer
opportunities for volunteers to monitor resources in Wisconsin.*



Minnesota Citizen Science Monitoring and the Year of Monitoring on Lake Superior 2011

Minnesota Department of Natural Resources Volunteering Opportunities
<http://www.dnr.state.mn.us/volunteering/opps/index.html>

The North Shore Stewardship Association
<http://www.sugarloafnorthshore.org/>

Categories of Monitoring

1. Air

Air Now

<http://www.airnow.gov/>

Minnesota Pollution Control Agency

<http://aqi.pca.state.mn.us/>

2. Rivers and streams

This is a wonderful .pdf manual on Volunteer Stream Monitoring for 3 different levels of involvement.

<http://www.azrivers.org/AZRiversTeachersGuide/macros/volstrmmonitguide.pdf>

Duluth Streams

www.duluthstreams.org

St. Louis River Alliance

www.stlouisriver.org

Minnesota Protection Agency-Stream Monitoring

<http://www.pca.state.mn.us/index.php/water/water-types-and-programs/surface-water/streams-and-rivers/citizen-stream-monitoring-program/citizen-stream-monitoring-program.html>

Weber Stream Restoration Initiative
<http://www.lakesuperiorstreams.org/weber/index.html>

3. Land

Arrowhead Regional Development Commission
www.ardc.org

4. Storm Drain Stenciling

Lake Superior Streams
www.lakesuperiorstreams.org/citizen/stencil

Regional Stormwater Protection Team
www.lakesuperiorstreams.org/stormwater

5. Lakes

Water level

Minnesota Department of Natural Resources
<http://www.dnr.state.mn.us/lakes>

Water clarity—Secchi disk on inland lakes in the basin
Great American Dipin – Secchi disk monitoring
<http://www.secchidipin.org/index.html>

Clearly Superior
www.seagrant.umn.edu/newsletter/1998/03/clearly_superior.html

Water Monitoring

Minnesota Pollution Control Agency
<http://www.pca.state.mn.us/index.php/water/water-monitoring-and-reporting/volunteer-water-monitoring/volunteer-surface-water-monitoring.html>

Check My Lake
<http://www.checkmylake.org/lake/>

Large Lake Observatory – Univ. of Minnesota Duluth
<http://www.d.umn.edu/llo/>

University of Minnesota, Boulder Lake Environmental Learning Center
www.boulderlake.org

Minnesota Waters
www.minnesotawaters.org

Lakewater Save Lake Superior Association
www.savelakesuperior.org

Minnesota Sea Great
www.seagrant.umn.edu/newsletter/2011/06/aquatic_science_gets_hormonal.html

6. Watersheds

Minnesota Association of Watershed Districts

www.mnwatershed.org

Watershed Associations

www.lakesuperiorstreams.org/citizen

Minnesota Department of Natural Resources

http://www.dnr.state.mn.us/watershed_tool/index.html

The Flute Reed Watershed Partnership

<http://www.lakesuperiorstreams.org/northshore/fluteReed/partnership.html>

7. Beaches

Great Lakes Alliance beach clean ups

www.greatlakes.org

Surfrider Minnesota-Superior Chapter

www.surfrider.org/MNsuperior

Adopt a Beach

www.greatlakes.org/adoptabeach

8. Wildlife

a. Birds

Minnesota Audubon Society

www.mn.audubon.org/birds-science-education/important-bird-areas/ibas-minnesota

Lake Superior Bird Survey

www.lakesuperiornews.info/LifeStyles/Birds/Survey/tabid/169/Default.aspx

LoonWatch

www.dnr.state.mn.us/eco/nongame/projects/mlmp_state.html

Cranes

Annual Midwest Crane Count

www.savingcranes.org/annualmidwestcranecount_2.html

Owls

University of MN-Duluth, Bolder Lake Environmental Learning Center

www.boulderlake.org/research/citizen/owls/index.HTML

We Love Birds

www.welovebirds.org/profiles/blogs/owl-monitoring

Eagles

Minnesota Department of Minnesota

www.dnr.state.mn.us/birds/baldeagle.html

b. Animals

Wolf

US Fish & Wildlife Services

www.fws.gov/midwest/wolf/index.htm

Minnesota Department of Natural Resources

www.dnr.state.mn.us/mammals/wolves/mgmt.html

White Tail Deer

Minnesota Department of Natural Resources

<http://www.dnr.state.mn.us/mammals/whitetaileddeer.html>

Bears

Department of Natural Resources

http://www.dnr.state.mn.us/livingwith_wildlife/bears/index.html

The Wildlife Research Institute

www.bearstudy.org/website/

c. Reptiles and Amphibians

Minnesota Department of Natural Resources

www.dnr.state.mn.us/volunteering/frogtoad_survey/index.html

North American Amphibian Monitoring Program

<http://www.pwrc.usgs.gov/naamp/>

Great Lakes Worm Watch

www.nrri.umn.edu/worms/

9. Invasive Species

Minnesota Waters

www.minnesotawaters.org/what-we-do/issue-advocacy/ais

Lake Access

www.lakeaccess.org/exotics.html

Minnesota Sea Grant

www.seagrant.umn.edu/ais/superior_nonnatives

Minnesota Department of Natural Resources

<http://www.dnr.state.mn.us/eco/invasives/index.html>

Minnesota Pollution Control – Ballast Waters

<http://www.pca.state.mn.us/index.php/water/water-permits-and-rules/water-permits-and-forms/vessel-discharge-ballast-water-program.html?menuid=&redirect=1>

10. Plant & Forest

Sierra Club

http://connect.sierraclub.org/app/render/go.aspx?g=42875d7e-db7f-4457-b85a-26f04cbd0b94&xsl=tp_SocialObjects_ObjectType_SIERRA_CLUB_ONLINE_COMMUNITIES_TEAM_PUBLIC.xslt&id=42875D7E-DB7F-4457-B85A-26F04CBD0B94&cons_id=&ts=1319118930&signature=19d4609872fe1d81aa9429e4944403ea

11. Wetlands

Minnesota Pollution Control Agency

www.pca.state.mn.us/index.php/water/water-monitoring-and-reporting/biological-monitoring/wetland-monitoring/wetland-monitoring-plants.html

12. Weather & Climate Change

Citizen Weather Observer Program

<http://wxqa.com/>

MNgage - Minnesota-area Volunteer Climate Observing Program

<http://climate.umn.edu/HIDENsityEdit/HIDENweb.htm>

Minnesota Climatology Working Group

<http://climate.umn.edu/>

13. Nonprofit Organization Building Resource

Minnesota Waters

www.minnesotawaters.org/what-we-do/support/citizen-group-resources

Midwest Environmental Advocates

www.midwestadvocates.org

National Resources Defense Council

<http://www.nrdc.org/reference/environgroups.asp>

Audubon clubs

<http://www.audubon.org/>

Ducks Unlimited

<http://www.ducks.org/>

Trout Unlimited

<http://www.tu.org/>

National Wildlife Federation

<http://www.nwf.org/>

League of Conservation Voters

<http://www.lcv.org/>

14. Nature Centers

Hartley Nature Center – Duluth MN

<http://www.hartleynature.org/index.html>

Sugarloaf: The North Shore Stewardship Association – Schroeder

<http://www.sugarloafnorthshore.org/explore.php>

<http://www.sugarloafnorthshore.org/>

Wolf Ridge Environmental Learning Center – Fridley

<http://www.wolf-ridge.org/>

Hawk Ridge Nature Reserve - Duluth

<http://www.northshoreinfo.com/hawkridge/>