

# What is Citizen Science?

Lake Superior Collaborative Meeting  
Ashland Wisconsin

# Citizen science is ... education

- ▶ An entry point for learning about science

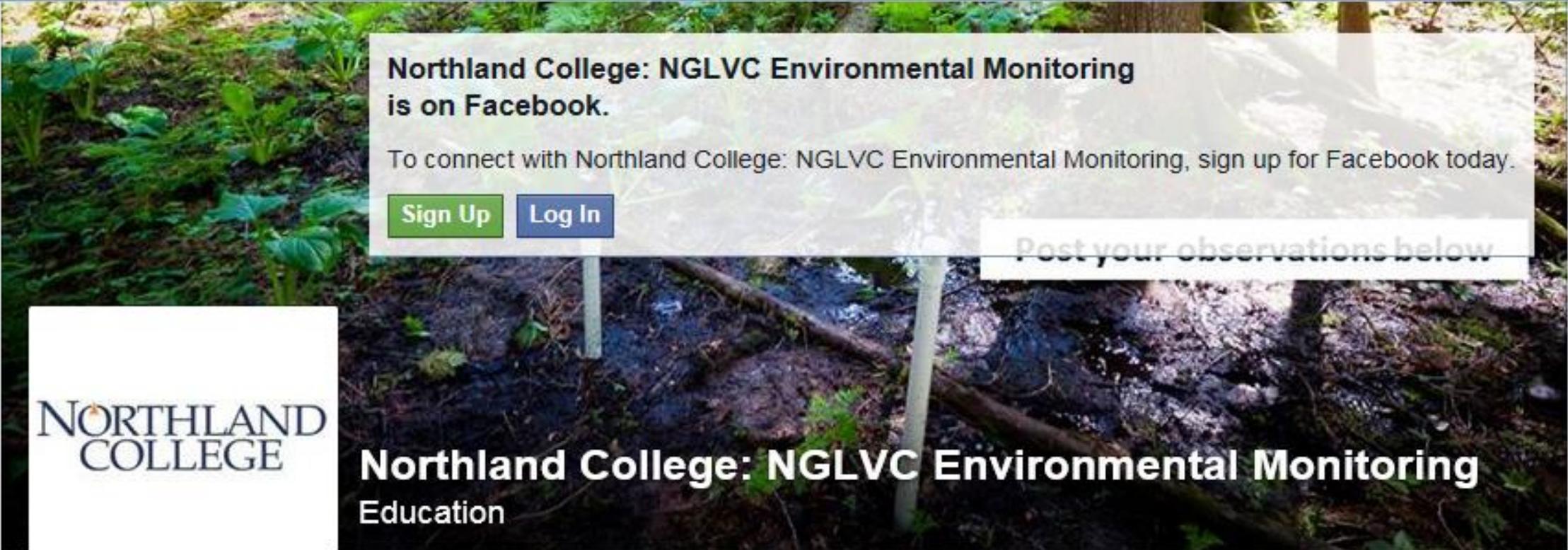


# Citizen science is ... observation

- ▶ eBird builds on the Audubon Christmas Bird Count
- ▶ Project BudBurst helps explore how climate change affects species







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# Northland College: NGLVC Environmental Monitoring

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## About Northland College: NGLVC Environmental Monitoring

### Page Info

#### PAGE INFO

Short Description

A place to share observational data from the Northern Great Lakes Visitor Center. Monitoring is done by students & faculty of Northland College

# Citizen science is ... data collection

Volunteer water monitoring programs have been collecting data for decades.

The screenshot shows the EPA website's navigation and content for the 'Monitoring and Assessing Water Quality - Volunteer Monitoring' page. The top navigation bar includes 'LEARN THE ISSUES', 'SCIENCE & TECHNOLOGY', 'LAWS & REGULATIONS', and 'ABOUT EPA'. A search bar is located on the right. The main content area features a breadcrumb trail: 'You are here: Water » Our Waters » Rivers & Streams » Monitoring and Assessing Water Quality - Volunteer Monitoring'. The page title is 'Monitoring and Assessing Water Quality - Volunteer Monitoring'. A 'Quick Finder' table lists various resources, and a 'Current Information' box highlights recent events and publications. A 'Fact sheets' section provides links to documents describing the volunteer monitoring process and programs.

Advanced Search A-Z Index

LEARN THE ISSUES SCIENCE & TECHNOLOGY LAWS & REGULATIONS ABOUT EPA

Water: Monitoring & Assessment [Contact Us](#) [Share](#)

You are here: [Water](#) » [Our Waters](#) » [Rivers & Streams](#) » Monitoring and Assessing Water Quality - Volunteer Monitoring

## Monitoring and Assessing Water Quality - Volunteer Monitoring

Quick Finder		
<a href="#">Where you live</a>	<a href="#">Conferences/Events</a>	<a href="#">Listserve</a>
<a href="#">Newsletter</a>	<a href="#">Starting Out</a>	<a href="#">Methods</a>
<a href="#">Related Links</a>	<a href="#">Fact Sheets</a>	<a href="#">Adopt Your Watershed</a>

Across the country, trained volunteers are monitoring the condition of their local streams, lakes, estuaries and wetlands. EPA encourages all citizens to learn about their water resources and supports volunteer monitoring because of its many benefits. Volunteer water monitors build community awareness of pollution problems, help identify and restore problem sites, become advocates for their watersheds and increase the amount of needed water quality information available on our waters.

### Fact sheets

- [Starting Out in Volunteer Water Monitoring \(PDF\)](#) (4 pp, 256K, [About PDF](#)) describes the process of starting out in volunteer monitoring.
- [EPA's Volunteer Monitoring Program](#) describes EPA's support for volunteer monitoring, including a list of EPA volunteer monitoring documents.
- [Dip Into Volunteer Monitoring \(PDF\)](#) (2 pp, 354K, [About PDF](#)) describes the annual Great North American Secchi Dip In, an international volunteer monitoring event

### Current Information

- [United We Serve - Presidential Community Service Initiative](#)
- [Adopt Your Watershed](#)
- [Volunteer Monitor, Volume 20, Number 1, Spring 2009. \(PDF\)](#) (24 pp, 1.2MB, [About PDF](#))
- [8th National Monitoring Conference](#)
- [World Water Monitoring Day](#)

Water Home

Drinking Water

Education & Training

Grants & Funding

Laws & Regulations

Our Waters

- Drinking Water
- Ground Water
- Lakes
- Oceans, Coasts, Estuaries & Beaches
- Rivers & Streams
- Stormwater
- Wastewater
- Watersheds
- Wetlands
- Where You Live

Pollution Prevention & Control

Resources & Performance

Science & Technology

Water Infrastructure

# Volunteer Water Monitoring in WI

- Long history
  - Lakes – 1986
  - Streams – 1996
- Co-sponsored

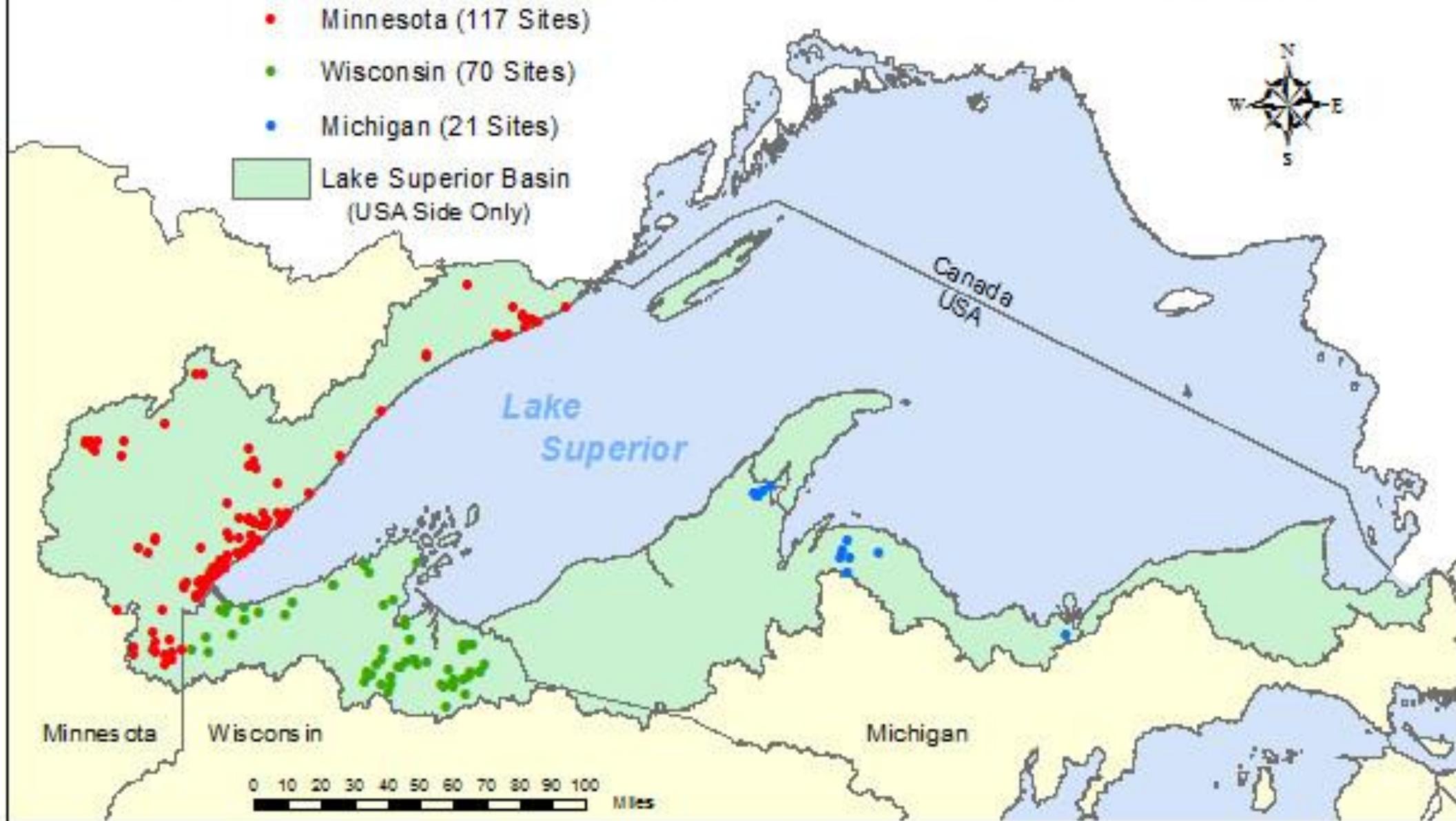


- With non-profit partners
- Multiple levels



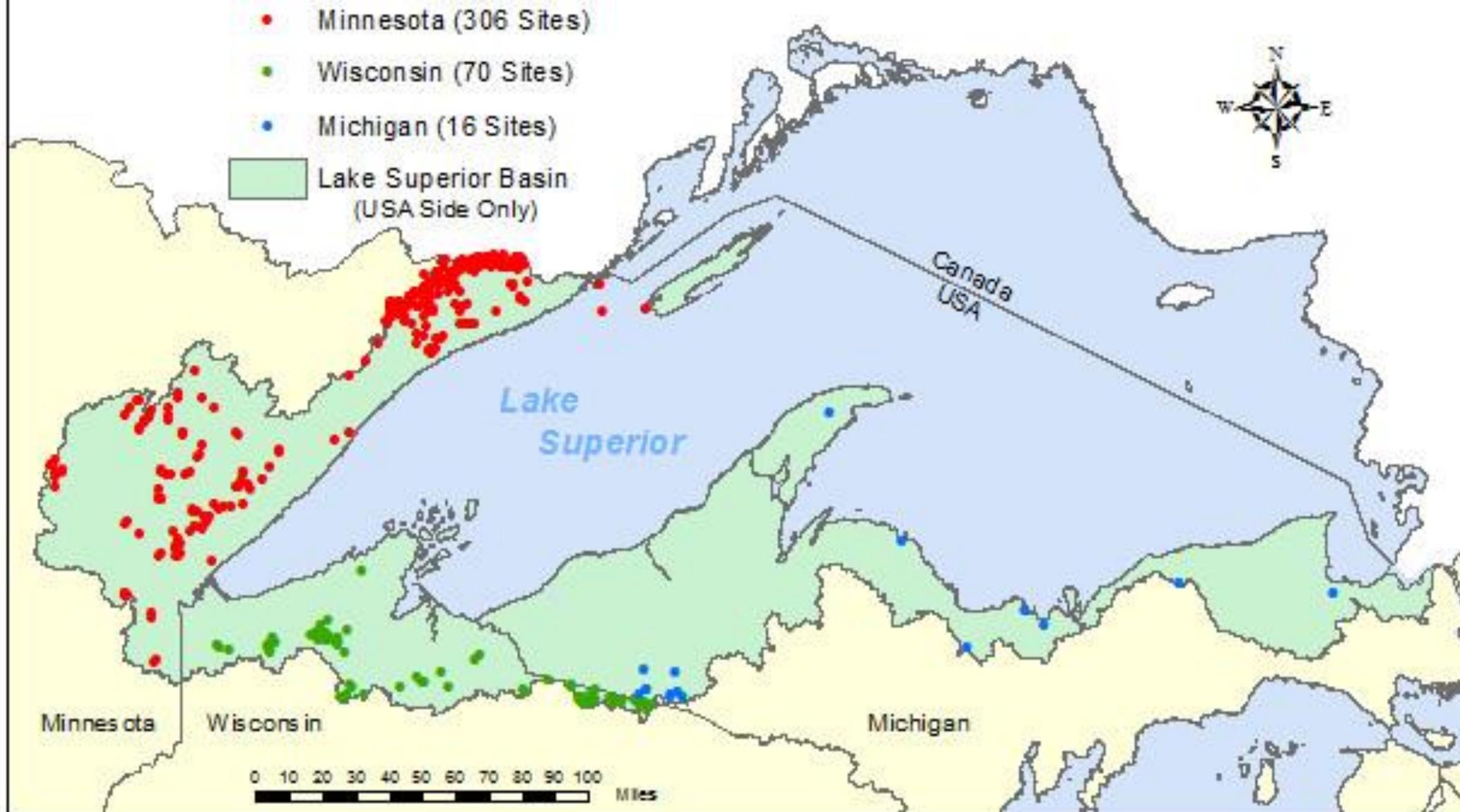
# Lake Superior Basin Citizen Stream Monitoring Sites

# Streams



# Lake Superior Basin Citizen Lake Monitoring Sites

# Lakes



# Role of Citizen Science?

The background of the slide is white with abstract green geometric shapes on the right side. These shapes include overlapping triangles and polygons in various shades of green, from light lime to dark forest green. A thin, light gray line runs diagonally across the lower right portion of the slide.