

GLRI: The Success and Continuing Needs of Great Lakes Restoration

Healing Our Waters – Great Lakes Coalition

Chad Lord, Policy Director

Alexis Lopez-Cepero, Policy Fellow

HOW Coalition

The Healing Our Waters-Great Lakes Coalition tells the story of the Great Lakes and restoration. We harness the collective power of more than 160 groups representing millions of people, whose common goal is to restore and protect the Great Lakes.

160+ Member Groups



The Success of the GLRI

- Tripled the delisting of areas with extreme degradation (Areas of Concern, AOCs)
- Increased the remediation of environmental and public health impairments nearly seven-fold
- Doubled farmland acres under conservation, reducing nutrient and sediment runoff
- Invested in critical research and forecasting of toxic algal blooms
- Controlled and stopped the advance of invasive species
- Restored habitat connectivity to over 5,250 river miles



Success of the GLRI



GLRI: A Regional Partnership

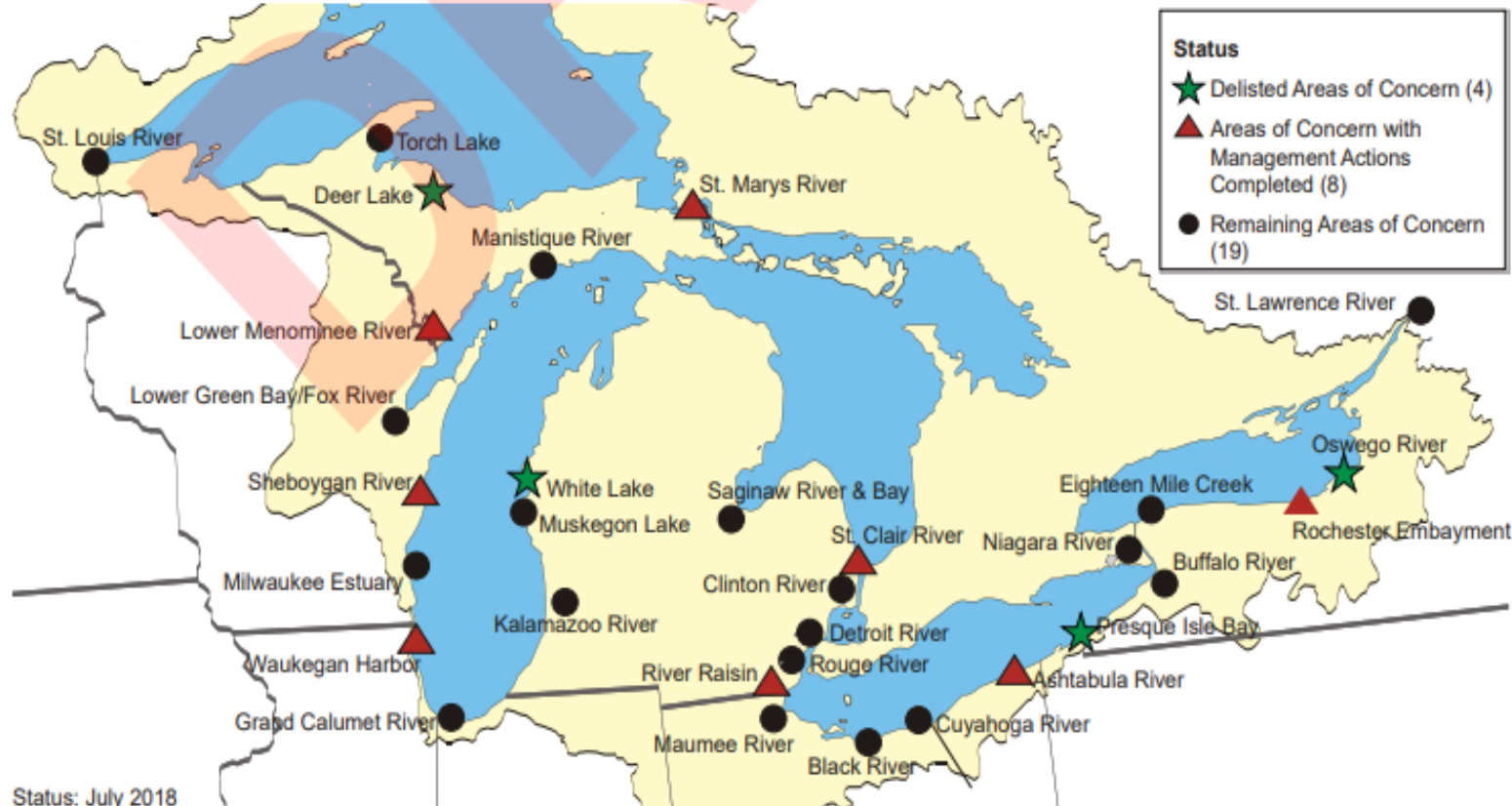
- U.S. Department of Agriculture
 - Animal and Plant Health Inspection Service
 - Natural Resources Conservation Service
 - U.S. Forest Service
- U.S. Department of Commerce
 - National Oceanic & Atmospheric Administration
- U.S. Department of Army
 - U.S. Army Corps of Engineers
- U.S. Department of Health and Human Services
 - Agency for Toxic Substances and Disease Registry
 - Centers for Disease Control and Prevention
- U.S. Department of State
- U.S. Department of Homeland Security
 - U.S. Coast Guard
- U.S. Department of the Interior
 - Bureau of Indian Affairs
 - U.S. Fish & Wildlife Service
 - National Park Service
 - U.S. Geological Survey
- U.S. Department of Transportation
 - Federal Highway Administration
 - Maritime Administration
- **U.S. Environmental Protection Agency**
 - **Great Lakes National Program Office**



Remaining Needs and Opportunities

GLRI AOC Program Progress	Progress	Remaining Need	Action Plan III – 2024 Target	Remaining Need after 5-year	Remaining Need (%)
1.1.1 – AOC Management Actions	12/31	19	22	9	29%
1.1.2 – BUIs	80/255	175	128	127	50%

U.S. Great Lakes Areas of Concern



(GLRI AOC ACTION PLAN III, PG. 3)

Remaining Needs and Opportunities

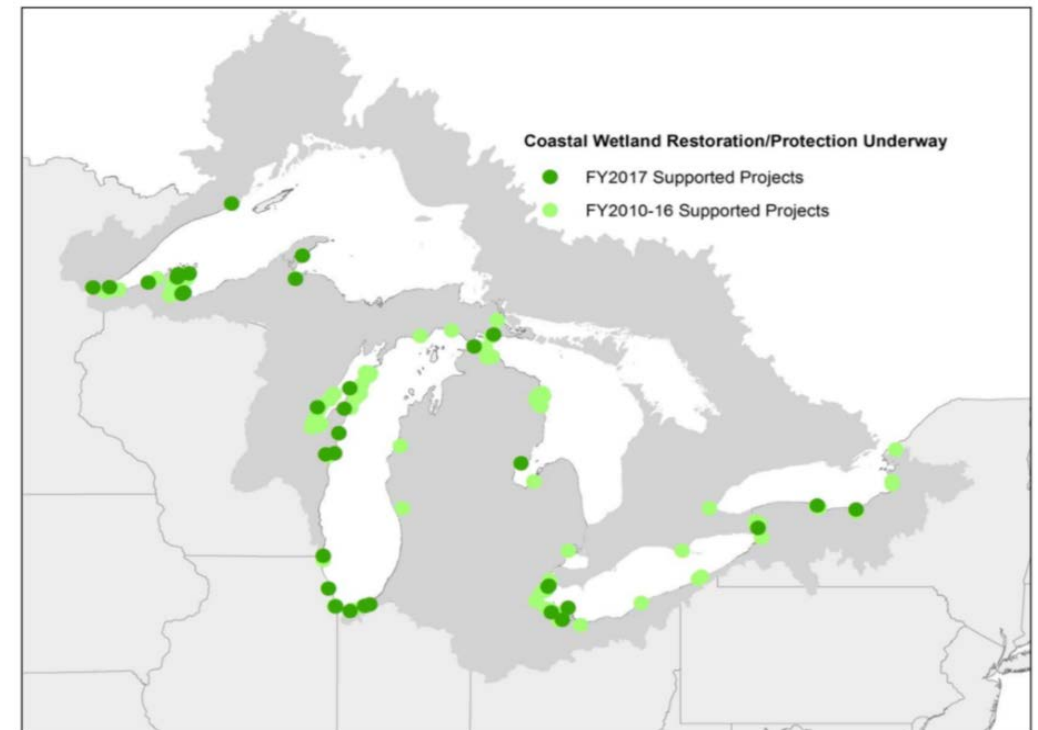
GLRI Nonpoint Source Pollution Impacts on Nearshore Health	Progress	Remaining Potential Acreage	Action Plan III – 2024 Target	Remaining Acreage after 5–	Remaining Acreage (%)
3.1.2 – Acres receive technical or financial assistance on nutrient management	1,955,867	10,000,000	2,705,000	7,295,000	73%

GLRI Habitats and Species	Progress	Remaining Potential Acreage	Action Plan III – 2024 Target	Remaining Acreage after 5–year plan	Remaining Acreage (%)
4.1.1 – Acres of coastal wetland, nearshore, and other habitats restored, protected, or enhanced	370,488	1,179,512	442,000	1,108,000	71%



Known HAB locations in the Great Lakes

Harmful algal blooms occur throughout the Great Lakes basin. NOAA's Great Lakes Environmental Research Laboratory (GLERL) and the Cooperative Institute for Great Lakes Research (CIGLR), along with other partners, monitor trouble areas in Lakes Erie, St. Clair, and Huron (Saginaw Bay). For more, visit www.glerl.noaa.gov/res/HABs_and_Hypoxia. Credit: NOAA GLERL



(FY2017 GLRI Report to Congress, [pg. 18](#))



Remaining Needs and Opportunities



Michigan teachers experience fisheries science during two-day Lake Huron Place-Based Education Summer Teacher Institute in Alcona County, MI. (Michigan Sea Grant)

SUSTAIN OUR GREATLAKES



Healing Our waters
Great Lakes Coalition



Questions?

Contact us:

Chad Lord
Policy Director
clord@npca.org

Alexis Lopez-Cepero
Policy Fellow
alopez-cepero@npca.org



NOAA Habitat Restoration

