

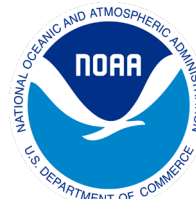
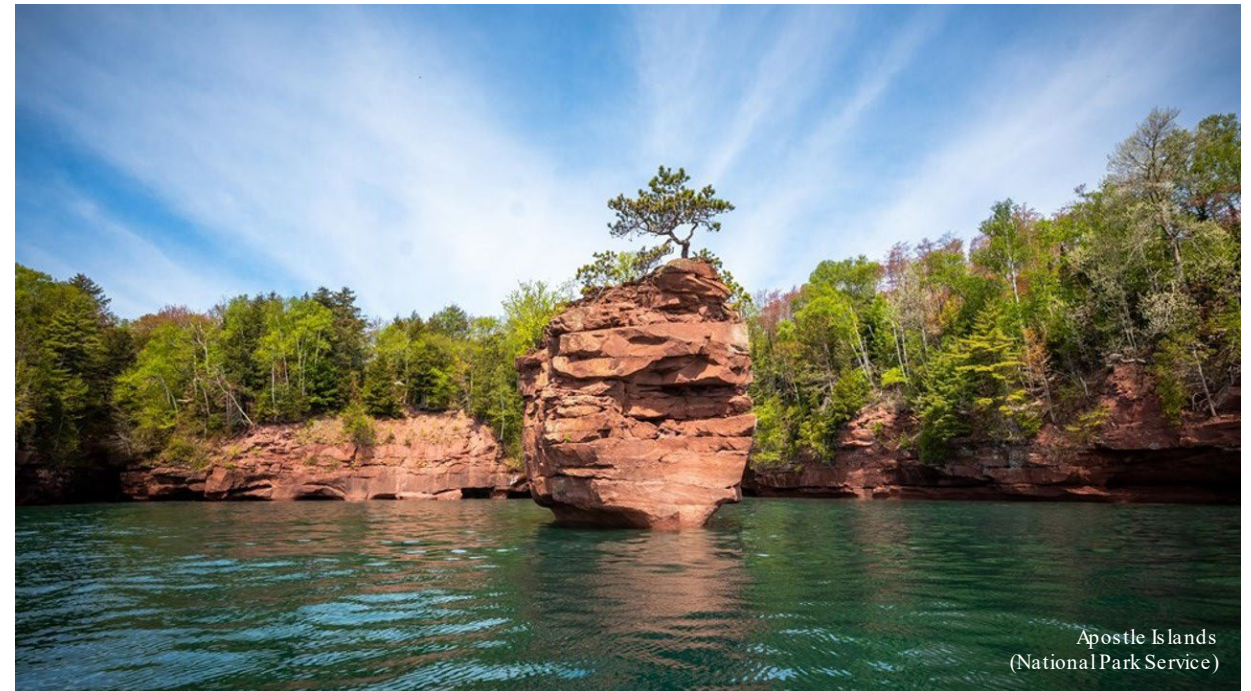


Wisconsin Coastal Management Program Department of Administration

Wisconsin Commercial Ports Association Annual Meeting
September 10-11, 2026
Green Bay, Wisconsin

PROGRAM UPDATES

- Coastal Hazards Communities of Practice
- Coastal Leadership Academy
- J. Philip Keillor Fellowship
- Coastal Processes Manual
- Great Lakes Coastal Resiliency Study
- Wisconsin Commercial Ports DW Episode
- International Great Lakes Datum
- Request for Proposals



COMMUNITIES OF PRACTICE



Stream restoration of North Fish Creek in Ashland, WI
(Lake Superior National Estuarine Research Reserve)

COLLABORATIVE ACTION
FOR LAKE MICHIGAN
COASTAL RESILIENCE



Bluff erosion at Upper Lake Park in Port Washington, WI.
(Lydia Salus)

WISCONSIN GREAT LAKES COASTAL LEADERSHIP ACADEMY

1-day workshops for Tribal, county, and municipal government staff

Practical Training On:

- Great Lakes coastal processes and hazards
- Suitable adaptation options for coastal sites
- Resilience planning

Upcoming Dates:

October 20, 2026 | Milwaukee

October 22, 2026 | Two Rivers

October 27, 2026 | Ashland



Bluff failure at Sheridan Park in Cudahy, WI
(Eddee Daniel and Pat Jursik)

J. Philip Keillor Coastal Hazards Fellowship





WISCONSIN COASTAL
MANAGEMENT PROGRAM



Coastal Processes Manual

How to Estimate the Conditions of Risk to Coastal Property from Extreme Lake Levels, Storms, and Erosion in the Great Lakes Basin

2nd edition



by J. Philip Keillor

University of Wisconsin Sea Grant Institute WISCU-H-98-003

1987

1st Edition

1988

2nd Edition

In Progress

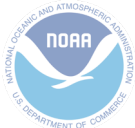
3rd Edition

- ▶ Developed in partnership between Wisconsin Coastal Management Program & Wisconsin Sea Grant: A tool and decision-making guide that considers Wisconsin's history of coastal hazards and seeks resilient solutions that will stand the test of time.
 - ▶ Existing chapters: Risk, flooding, low water, erosion, climate change
 - ▶ New chapters: Safety, sediment transport, future conditions, resilience planning
- ▶ Expected Deliverables: Building user capacity with comprehensive and technical information on building resilience to coastal hazards.
- ▶ Target audience:
 - Primary: local decision makers, coastal managers, developers, planning and zoning commissions.
 - Secondary: Coastal property owners

GREAT LAKES COASTAL RESILIENCY STUDY

- Multi-year, \$14.4 million cost-shared watershed study between the US Army Corps of Engineers, NOAA and the Great Lakes States: Illinois, Indiana, New York, Michigan, Minnesota, Ohio, Pennsylvania, and Wisconsin.
- The study is a comprehensive watershed assessment of the Great Lakes coastal areas that could be vulnerable to:
 - Future storms
 - Flooding
 - Extreme low or high water levels
- Identify measures to improve coastal resiliency & develop a collaborative risk informed decision framework.
- Identify investments by federal, state, and local governments, Tribal Nations, and nongovernmental organizations to enhance coastal resiliency.

For More information: <https://www.lrd.usace.army.mil/glcrs/>





U.S. ARMY

MAJOR STUDY TASKS

8



LAKE LEVEL SCENARIOS



GLRI FRAMEWORK

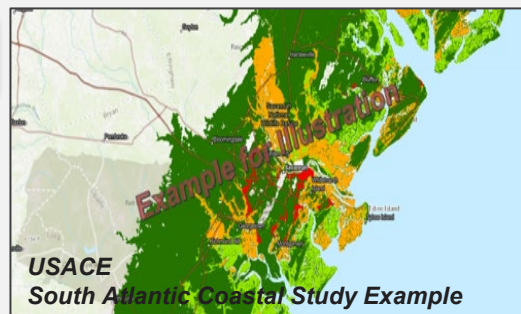
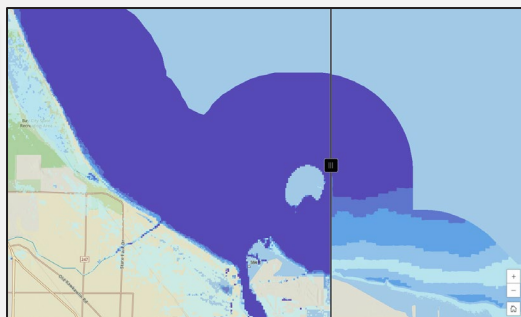


= static water level



= total water level*

BASIN-WIDE ANALYSIS



FOCUSED EVALUATIONS



Qualitative Risk Assessments

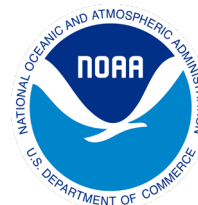
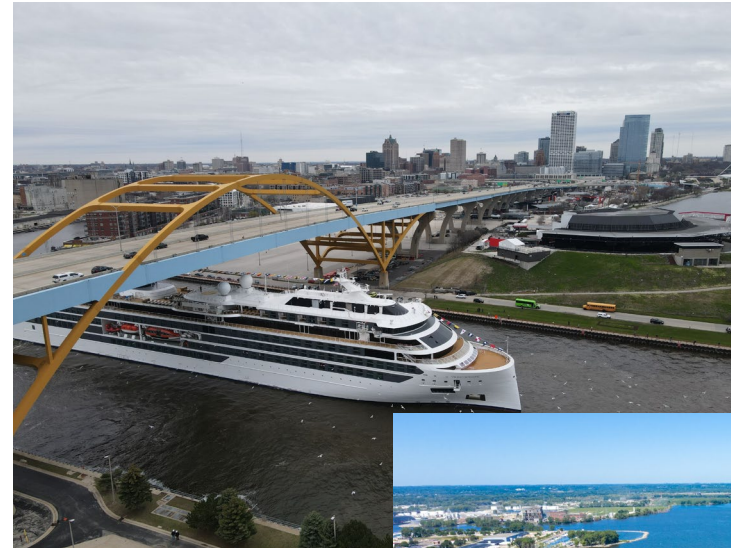
STRATEGIC RECOMMENDATIONS

- Federal/Non-federal partners
- Mission, authority, or program
- Implementation timing
- Sources for future appropriations
- Next steps to implementation
- Letters of support



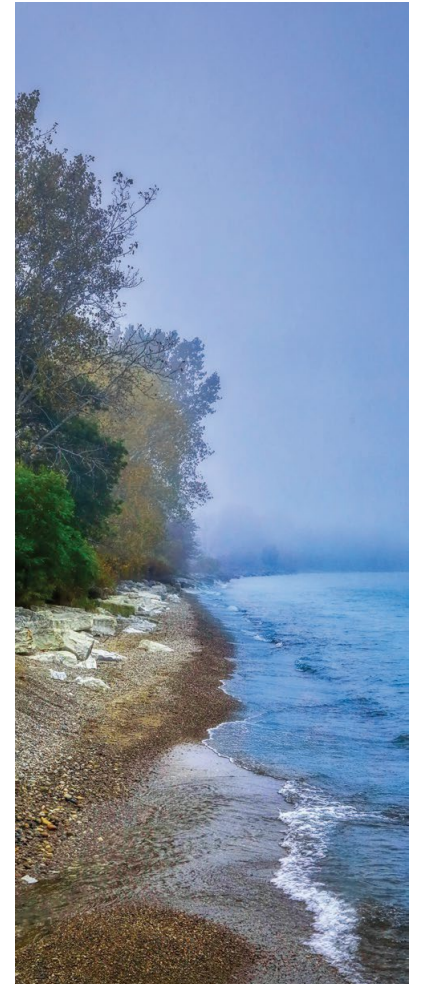
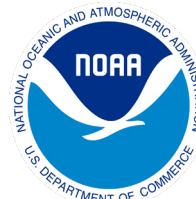
WISCONSIN'S PORTS - GATEWAY TO THE WORLD

- Partnership with Discover Mediaworks
- Discover Wisconsin Episode
- Telling the powerful story of Wisconsin's Ports
- Features Green Bay, Superior, Marinette, Sturgeon Bay and Milwaukee Ports
- Press and social media releases: April 2026
- Broadcast #1: May 2 & 3, 2026
- <https://youtu.be/J-Xl4E8O3hU?is=Xv70BZ-JutDu1IKV>



INTERNATIONAL GREAT LAKES DATUM

- Reference system to measure water level heights in the Great Lakes
- Used for navigation, water level regulation, surveying, mapping ,etc.
- Currently utilize IGLD 1985, updated every 25-30 years
- New IGLD 2020 to be released in 2027
- Low Water Datum is being evaluated for revision: recalculation in 2024, values finalized in 2026, and rollout 2027
- Preliminary results: LWD would better represent current lake conditions if adjusted from -6.3 inches to 18.9 inches based on lake



COASTAL MANAGEMENT GRANTS

Boosting local capacity to manage coastal threats & build resilient solutions

Grant Categories:

1. Wetland Protection & Habitat Restoration
2. Nonpoint Source Pollution Control
3. Resource & Community Planning
4. Great Lakes Education
5. Public Access & Historic Preservation

Project Period: 18 months

Non-federal match required:

- 50% of total project cost for projects < \$60,000
- 60% of total project cost for projects > \$60,000



Samuel Myers Park Restoration in Racine, WI
(Lydia Salus)

STAFFING UPDATES



Wisconsin Great Lakes Chronicle 2026

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Wisconsin Point Lighthouse
(Bob Hundt)