

Great Lakes Coastal Assembly

Vision...coastal landscapes that support unique structure and processes essential for sustaining healthy species populations, resilient natural communities, and provide benefits to society.

Priorities...

- *Catalyze Collaboration*
- *Serve as a Resource*
- *Facilitate Communication*
- *Promote Science and Tool Development*



Ohio

Lake Erie
Commission



DEPARTMENT OF
NATURAL RESOURCES



Audubon | GREAT LAKES



Canada



USGS



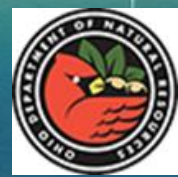
Great Lakes
Commission
des Grands Lacs

The Nature
Conservancy
Protecting nature. Preserving life.

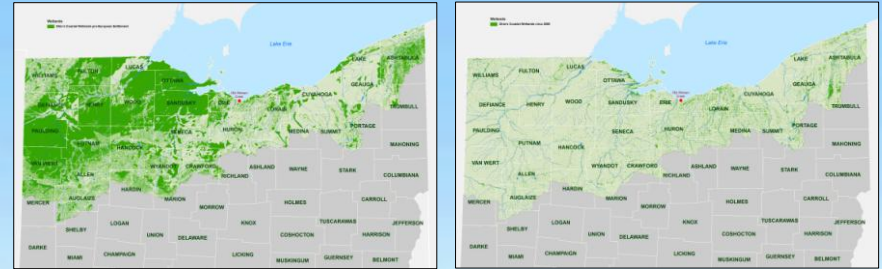
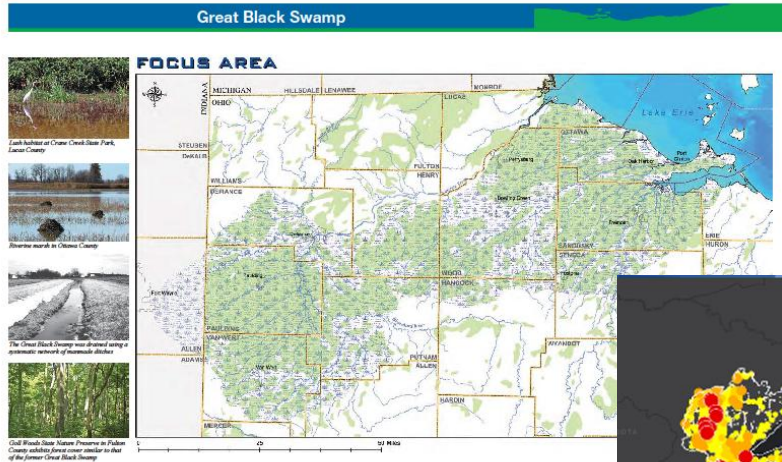
DUCKS
UNLIMITED

NORTHLAND
COLLEGE

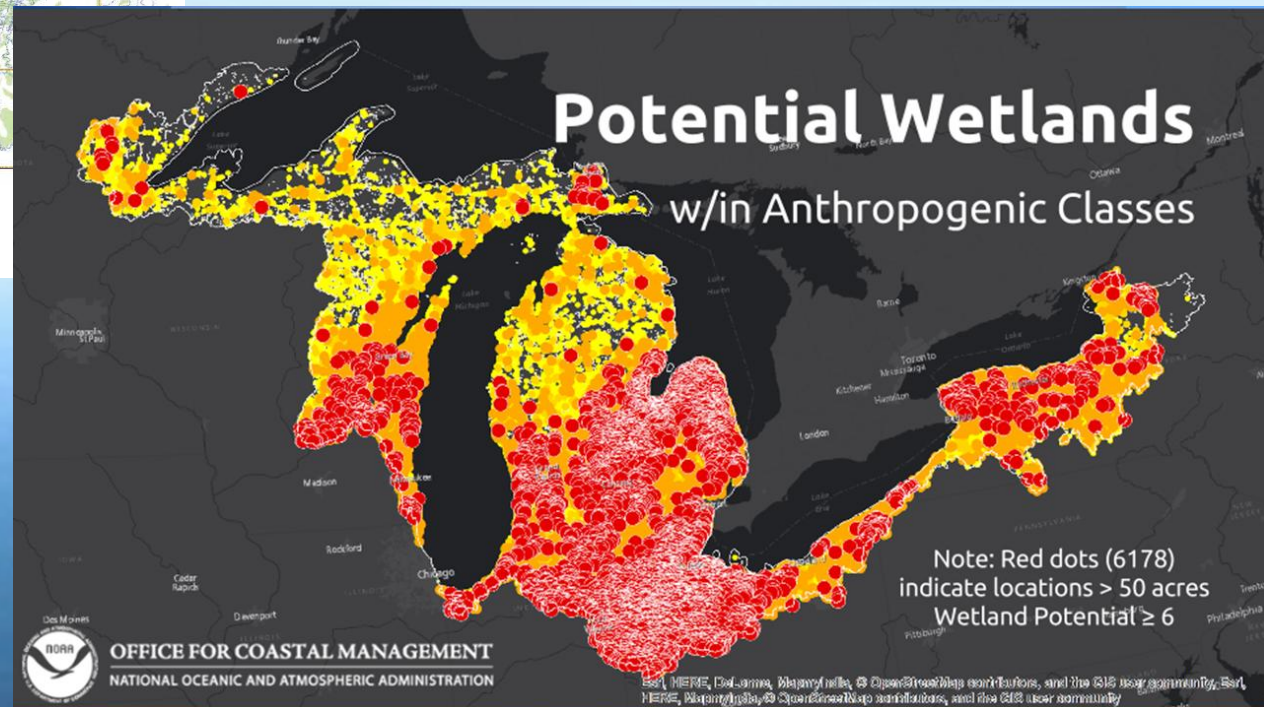
CMU
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UNIVERSITY



Great Lakes Wetland Loss



Wetland Restoration and Conservation Opportunities



- ~50% of Great Lakes wetlands lost due to change in land use
- ~90% wetland loss in Ohio – draining of the Great Black Swamp

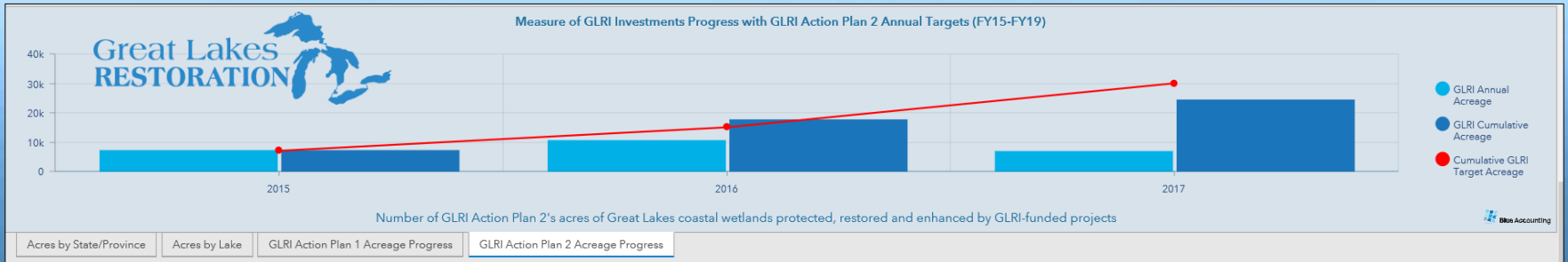
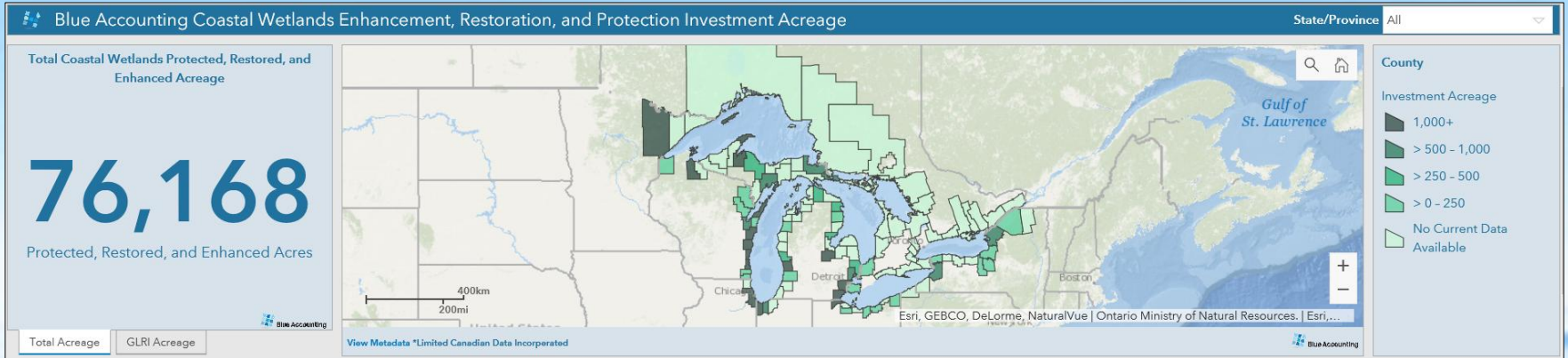
Coastal Assembly: Promoting Critical Connections



- Sponsored first ever Great Lakes Coastal Wetland Symposium
- Catalyzed development of two coastal wetland Decision Support Tools
- Coordinated the development of coastal wetland projects for State and Federal implementation funding
- Developed a Shared Vision and Goals for coastal wetlands based on Landscape Conservation Design principles
- Tracking our collective progress and success through Blue Accounting (joint venture between GLC and TNC)

Accelerate "On the Ground" results + improved resiliency

Tracking Coastal Wetland Progress



Blue Accounting



blueaccounting.org

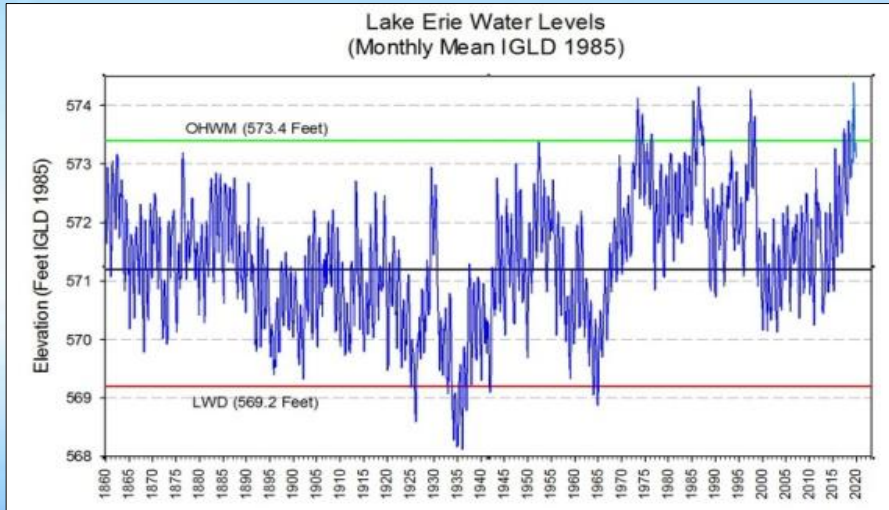
Coastal Resiliency



- Wetland Diversity – type and function
- Habitat (fish and wildlife)
- Water Quality (filtration, nutrient and sediment reduction)
- Water Retention (storage, flood mitigation)
- Wave/Energy Attenuation (shore protection and stabilization)

Maintain Ecosystem Services

“Strategic Investments based on Sound Science in a Changing World”



- Great Lake Water Levels
- Increased Storm Frequency and Magnitude
- Invasive Species
- Anthropogenic Impacts



Achieve Landscape
Scale Benefits

Coastal Assembly Co-Chairs

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