



Great Lakes Coastal Wetlands

Coastal Wetlands



Source:
greatlakeswetland.org

Why Wetlands?



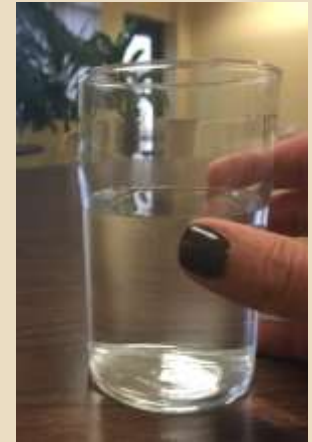
*Saginaw Bay to Western Lake Erie:
2010 Wetland Extent*



Legend

2010 C-CAP

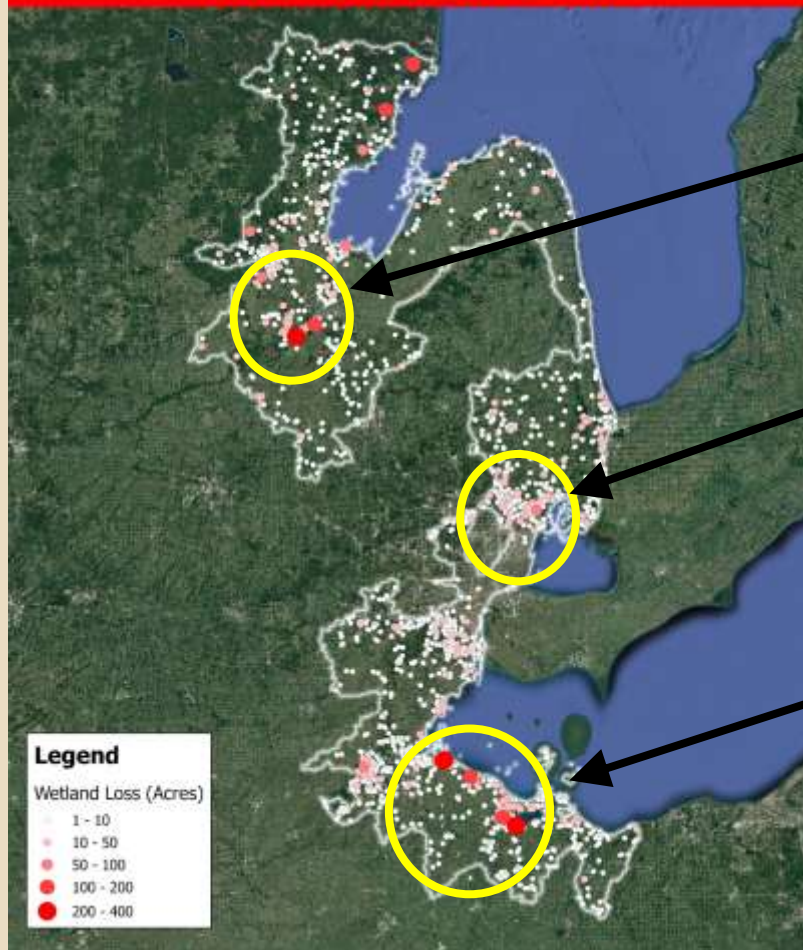
Wetland Areas



Target Geography



*Saginaw Bay to Western Lake Erie:
Wetland Loss 1985 - 2010*



Large wetland losses inland

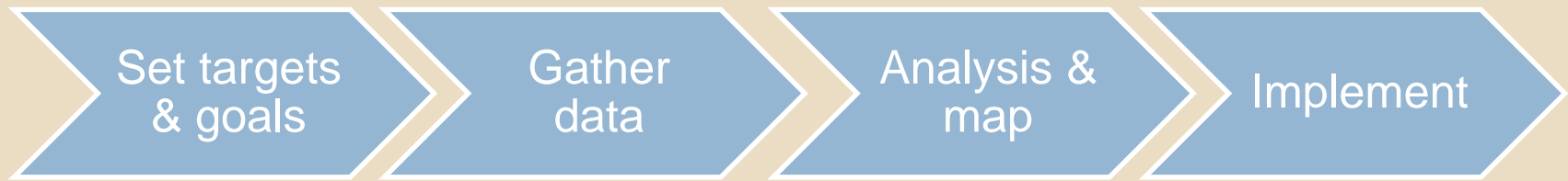
High density of small acreage losses (think cumulative impacts)

Large acreage losses

Landscape Conservation Design

Landscape Conservation Design (LCD) is an ***iterative, collaborative, and holistic process*** that provides information, analytical tools, spatially explicit data, and best management practices to develop shared conservation strategies and to achieve conservation goals among partners.

Landscape Conservation Design “Process”



LCD process – Coastal Wetland



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Set targets & goals

- Understand where goals/priorities align.
- 2015 Convened Expert Panels
- 2016 Stakeholder Workshops to Refine
- 2017 Science Team to finalize

Gather data

- WHERE: Saginaw Bay to Old Woman Creek.
- Workshops to vet concepts
- Technical Team – Gather data, clean data, format for analyses
- Ecosystem Valuation Services Contract

Analysis & map

- Technical Team
 - Data and Tools
 - Coastal Wetland DST
 - Wetland Restoration potential “viewer”
 - Broad maps to tell the story

Implement

- Implementation Team – begin to ID funding and delivery mechanisms; demo tools
- Great Lakes Inform build out - project-tracking and goal-tracking process

Collaboration



What will climate change mean for pressures on land use and water use?



Lessons Learned – Build bridges between scales



Lesson Learned – Buy-in



Lessons Learned – Incorporate Human Values



GREAT LAKES COASTAL WETLANDS ECOSYSTEM SERVICES ASSESSMENT: QUANTIFYING PRIORITIZED BENEFITS FROM SAGINAW BAY TO WESTERN LAKE ERIE

**GSA CONTRACT: GS-00F-079CA
NOAA BPA #EA-133C-14-BA-0040**

TOR #28

TECHNICAL PROPOSAL

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Information contained in this proposal is confidential and proprietary and shall not be disclosed.

Want more information?

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