



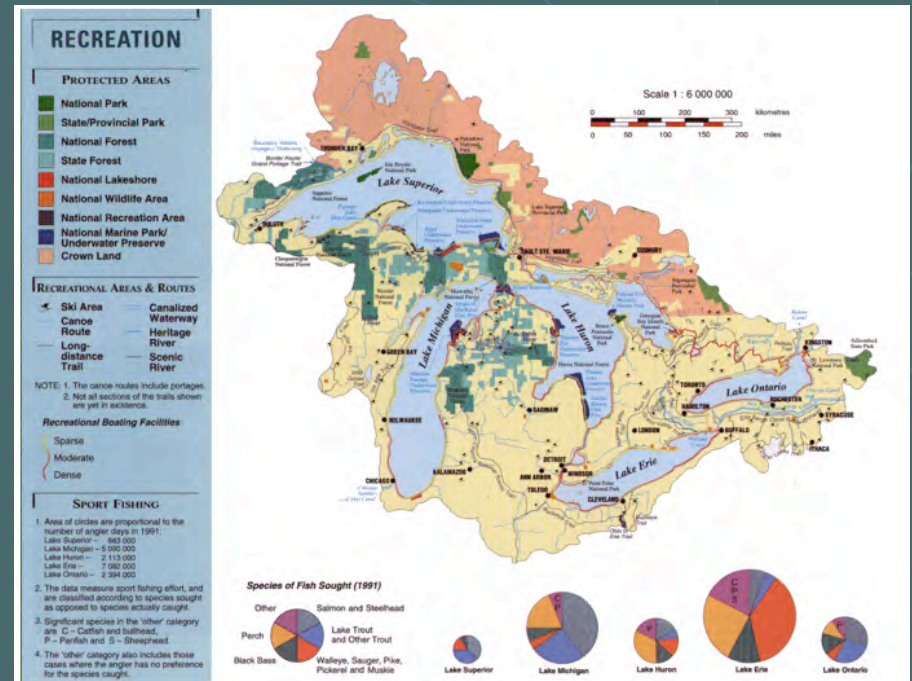
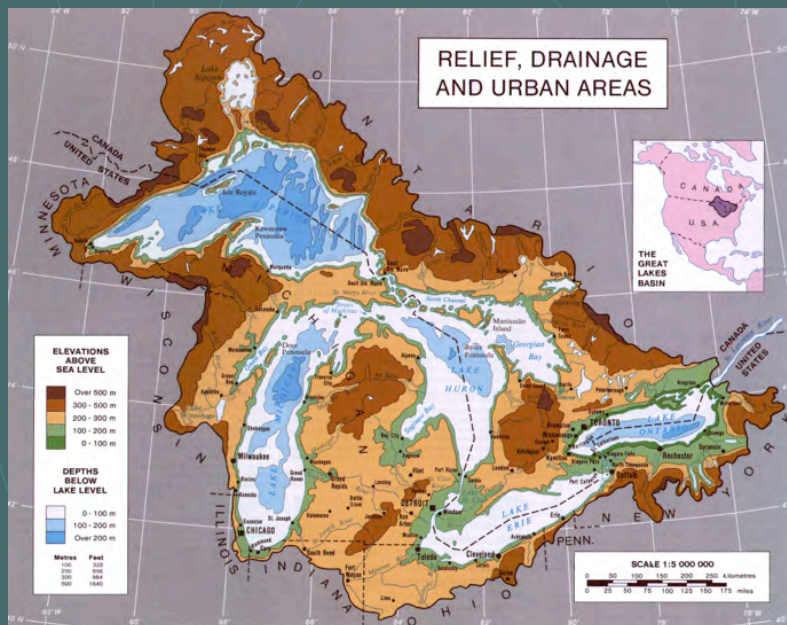
A U.S. Great Lakes Perspective on ICAN

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Coastal Zone '09
Boston, Massachusetts
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Great Lakes Atlas

- A joint project of the Government of Canada and the Environmental Protection Agency
- Third Edition – 1995



Envisioning the Future of GLIN

- Held on the Tenth Anniversary of the formation of GLIN
- “SimGreatLakes”



ENVISIONING THE FUTURE
OF THE GREAT LAKES
INFORMATION NETWORK



WINGSPREAD
AUGUST 20-22, 2003

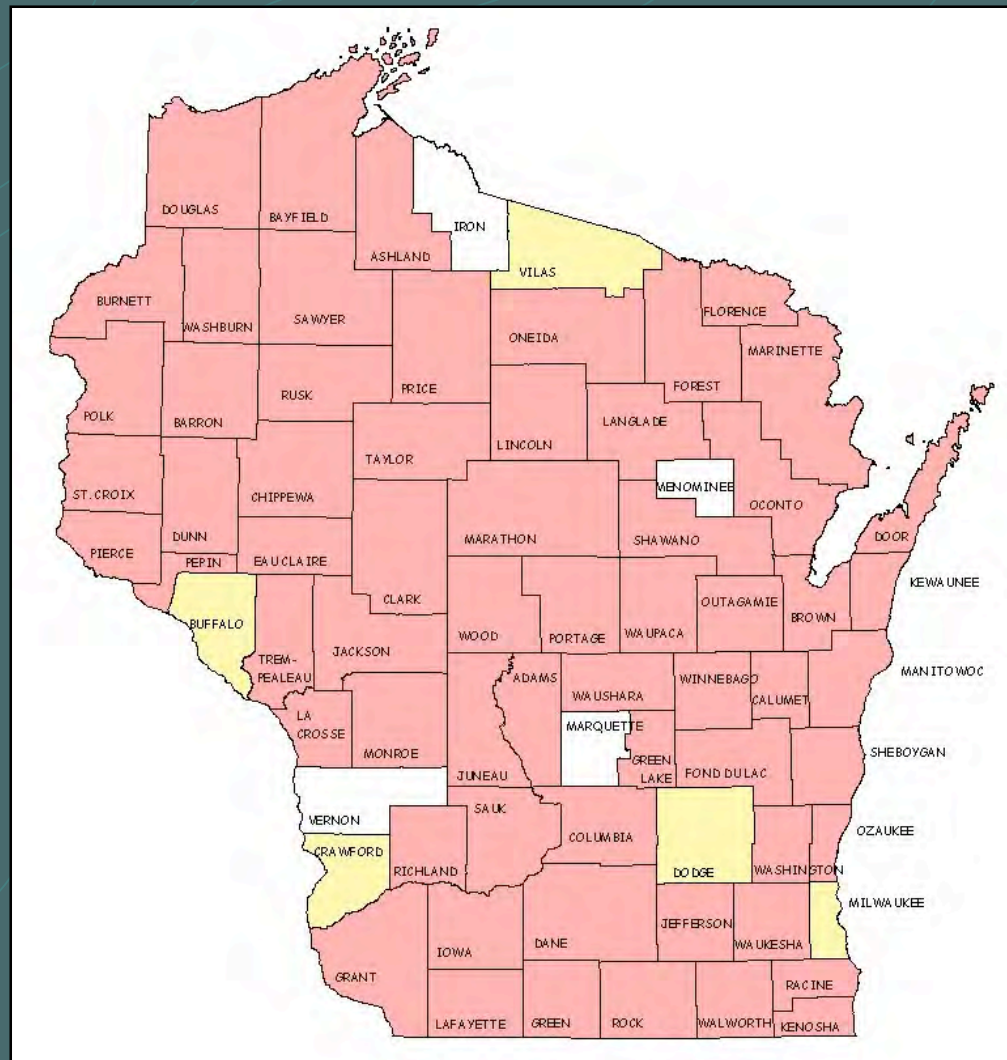


ICAN Session at Coastal Zone '07

- Link existing coastal web atlases
- Build from the “bottom up”
- Cutting edge science
- Existing coastal GIS data integration projects in Wisconsin
 - Lake Michigan Potential Damages Study
 - Lake Superior Coastal Mapping Portal
 - Wisconsin Coastal Atlas
- Explore tools used by ICAN – GeoNetwork, Protoge

Web Mapping in Wisconsin Counties

- 64 of 72 Wisconsin counties (89%) have publically accessible web mapping sites.
- “Kitchen sink” web mapping.
- Only a couple acknowledge they have web mapping services.





Building the Case for a Wisconsin Coastal Atlas

- Goal: The WCA will serve as the portal to geospatial data for the Great Lakes coasts of Wisconsin.
 - Design and evaluate the WCA using a formalized development process
 - Develop the web portal interface for the WCA.
 - Design, develop, and evaluate web mapping interfaces for the WCA.
- Goal: The WCA will promote the development of a spatial data infrastructure for the Great Lakes coasts of Wisconsin through methods for cataloging, archiving, and semantic integration.



Great Lakes Coastal Atlases & GIS

- Ohio Coastal Atlas
- New York Ocean and Great Lakes Atlas
- Minnesota Coastal GIS
- Wisconsin Coastal GIS Applications Project
- Indiana - Lake Rim GIS
- Michigan - Saginaw Bay Coastal Atlas (planned)



Great Lakes and ICAN -- The Future?

- Is there interest in linking existing Great Lakes Coastal Atlases/GIS?
- Is there support for a 4th edition of the Great Lakes Atlas?
- How would a Great Lakes Coastal Web Atlas relate to existing efforts?
 - Digital Coast, Great Lakes Observing System, Great Lakes Commission GIS, Ontario, Quebec, Canada?
- The Great Lakes as a microcosm of the world ocean