

Binational Executive Committee







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Basin-wide Programs

- State of the Lakes Ecosystem Conferences
- Cooperative Monitoring
- International Air Deposition Network
- Binational Toxics Strategy

Lakewide Programs

 Lakewide Management Plans (LaMPs)

Local Programs

 Remedial Action Plans for Areas of Concern

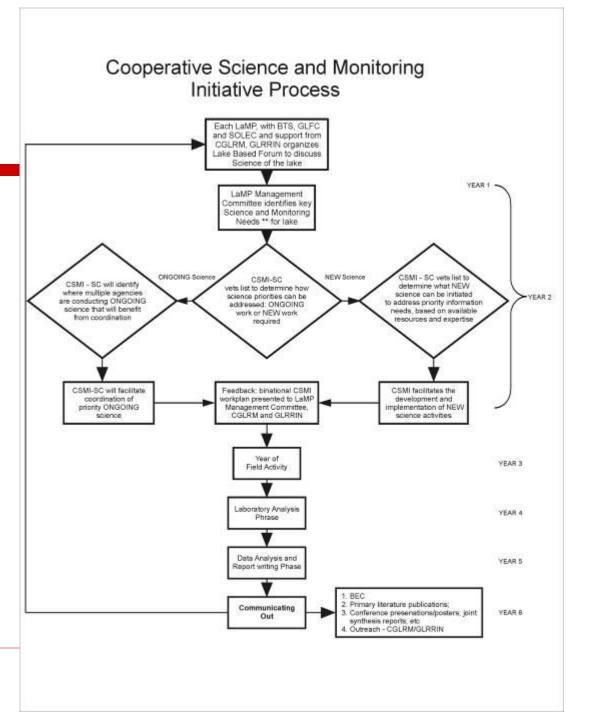


Background

- Cooperative Monitoring Initiative (CMI) started in 2002 to coordinate monitoring
- Expanded mandate of CMI to include research coordination resulted in CSMI in 2006
- In 2009, connecting channels (including St. Lawrence) were added to CSMI process
- ☐ CSMI follows a 5 year rotational cycle
- CSMI does NOT set priorities

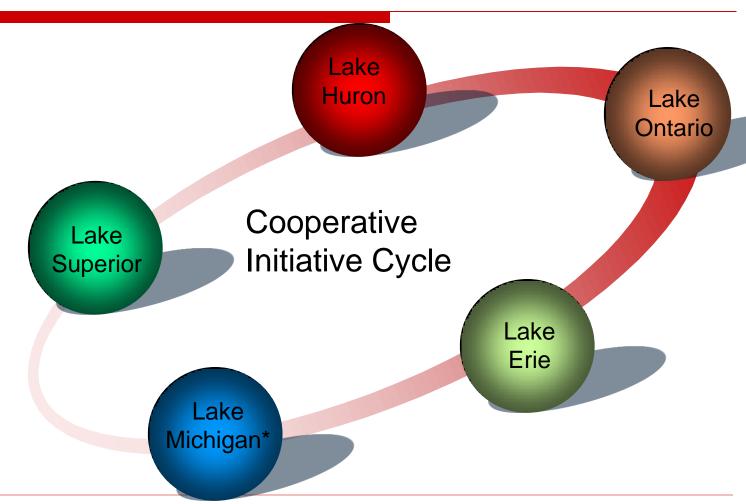


CSMI Process:





Rotational Cycle





Roles of Partners

- Workshop facilitation
- Communication in and out
- Assist with synthesis report how do results address LaMP management priorities?
- Foster partnerships with academic community

What is going on in 2010?

- Lake Ontario Reporting out at Special Nearshore Session at IAGLR 2010
- □ Lake Erie Data being worked up from 2009 field year plus additional field work continued in 2010
- Lake Superior Planning year for field year 2011
- Lake Huron –Workshop to scope out issues for 2012 field year including St. Mary's River
- Lake Michigan Field Year



Lake Huron 2012 Status:

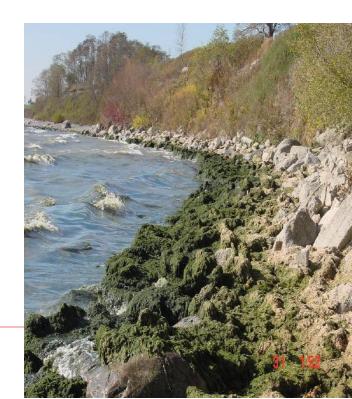
- □ Workshop scheduled this fall for determining priorities for 2012
- First lake to incorporate connecting channel issues into CSMI field year
- ☐ Field year will be 2012





Lake Ontario 2008 Status:

- ☐ Field year completed in 2008
- ☐ 2008 Programs:
 - Understanding Nearshore-Offshore Nutrient Transport
 - Status of Offshore Lower Foodweb
 - Lakewide Fishery Assessment
 - Understanding Food Web Changes Using Biomarkers
- ☐ Data year in 2009
- ☐ Special IAGLR nearshore session in 2010
- ☐ Scoping out will start in 2011 for next field year (2013)





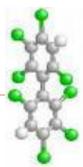
Lake Erie 2009 Status

- ☐ Field year completed; some programs continue in to 2010
- □ Programs include:
 - Central/Eastern Basin Nearshore-Offshore Nutrient Study
 - Better understand the impact of invasives on nutrient transport from nearshore to offshore
 - Bioavailable Phosphorus Study
 - Investigate potential new sources of P; trends and tributary loadings of bioavailable P to nearshore; BAP from STPs
 - Western Basin Algal Bloom Project
 - study the impact of nutrient influx and timing of algal bloom appearance
 - Farm Demonstration Practice/Tillage Practice Study
 - Study the contribution of nutrients to the lake based on differing farming techniques
 - Distribution, Abundance, and Biomass of Dreissenidae and other Zoobenthos (2010)
 - Dispersal of the Grand River Plume into the nearshore of the eastern basin of Lake Erie (2010)
 - Effects of dreissenid mussel beds on nutrient cycling



Lake Michigan 2010 Status

- ☐ Field Year in 2010
- ☐ CSMI Programs:
 - Understanding nearshore issues:
 - role of nutrient inputs and/or cycling to cladophora growth
 - spatial variability in nutrient concentrations in the nearshore areas
 - Understanding the role of invasives on the decline of the lower food web
 - Status of contaminants in Lake Michigan waters, tributaries and sediment
- National Coastal Condition Assessment project





Lake Superior 2011 Progress

- Workshop to determine priorities/needs held on April 29-30, 2009 in Duluth, MN
 - Sponsored by IJC CGLRM
 - Hosted by EPA-ORD
 - Facilitated by MN Sea Grant
- Participants from 2005/2006 CMI year presented findings
- Presentations/discussions helped formulate issues for 2011 field year
- Science priorities given to CSMI-SC December 2009
- CSMI determined priorities for 2011
 - Status of Lower Food Web
 - Status of Chemical concentrations in various media



Thank you