

Overview of Day 2 of the 2013 Great Lakes Public Forum

- Proposed binational Great Lakes 2013 to 2016 science and action priorities
- Public comments on these priorities



Annex 1: Areas of Concern



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- Develop Areas of Concern documents
- Develop practices or mechanisms for sharing information



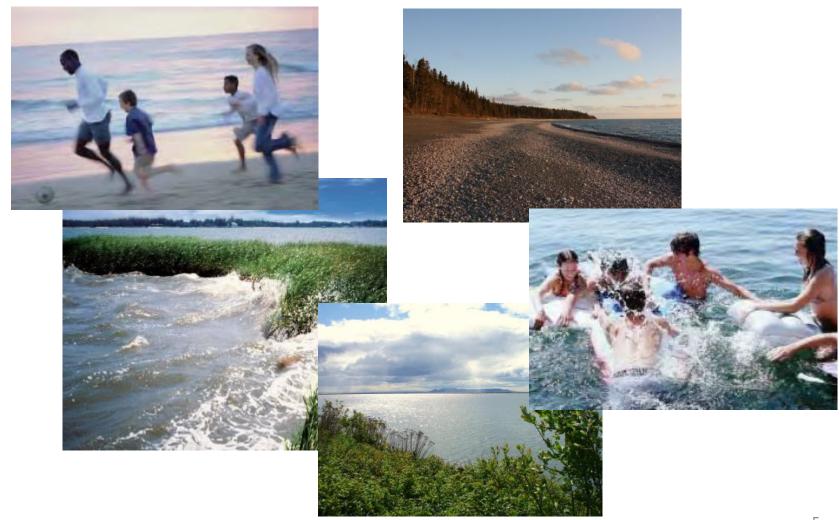






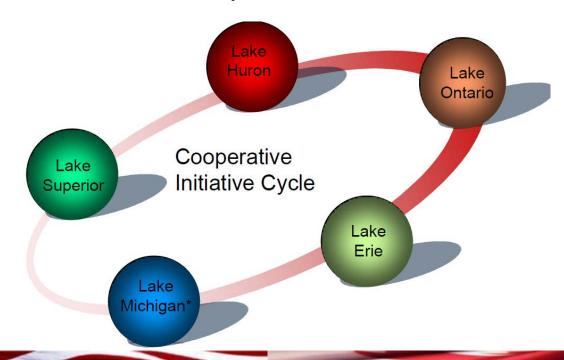


Annex 2: Lakewide Management



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- Science to better understand the nearshore
- Identify lake-specific science priorities for the Cooperative Science and Monitoring Initiative and identify needs for further action on a Lake by Lake basis



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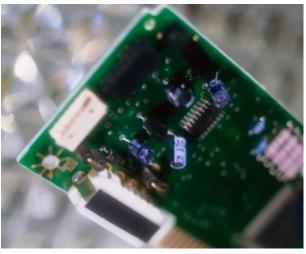
- Draft Lake Ecosystem
 Objectives to assess status
 and trends
- Establish an integrated framework to assess and manage nearshore areas of the Great Lakes





Annex 3: Chemicals of Mutual Concern









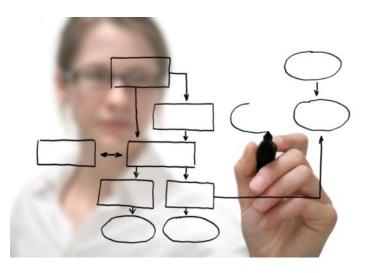
Annex 3: Chemicals of Mutual Concern

- Research, monitoring and/or surveillance
- Identification of Chemicals of Mutual Concern (CMCs)
- Analytical methods to support monitoring and/or risk management needs
- Domestic water quality standards, objectives and/or guidelines for CMCs
- New standards, objectives, guidelines, if warranted, must be guided by current scientific knowledge





Annex 3: Chemicals of Mutual Concern





- Develop a binational process for identifying and designating CMCs
- Develop binational strategies for CMCs
- Share information
 - Web-based inventory of existing water quality standards, objectives, criteria and guidelines for CMCs

Annex 4: Nutrients







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- Science to support establishment of phosphorus objectives, improving understanding, and identifying priority watersheds
- Monitoring to track progress towards objectives







Annex 4: Nutrients

- Update 1987 offshore phosphorus objectives and developing new nearshore phosphorus objectives
- Phosphorus loading targets necessary to achieve the above phosphorus objectives
- Phosphorus reduction strategies and domestic action plans
- Assess effectiveness of programs and measures

Annex 5: Discharges from Vessels



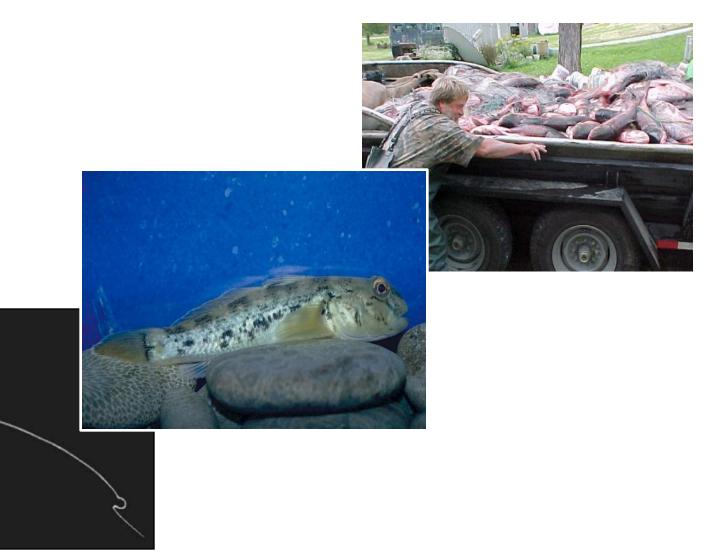
Annex 5: Discharges from Vessels

- Continue prevention and reduction of threat of impact to the waters of the Great Lakes from all vessel discharges
- Ship inspections
 - Foreign-flag ships examined through the Canadian and U.S.'
 Port State Control program
 - "Lakers" regulated under domestic vessel inspections





Annex 6: Aquatic Invasive Species



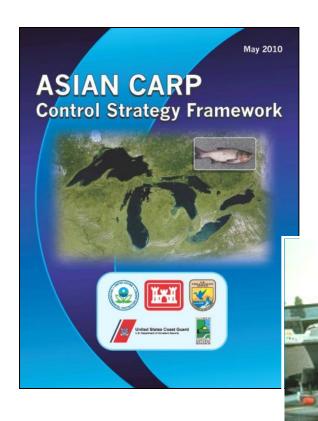
Annex 6: Aquatic Invasive Species

- Assessing Aquatic Invasive Species (AIS) prevention programs
- Programs developing and evaluating early detection technologies and methods
- Research, development, and testing of technology and methods for control and eradication efforts
- Tools used for AIS climate niche modeling
- Risk assessment methods





Annex 6: Aquatic Invasive Species



Priorities for Action:

 Develop and implement an early detection and rapid response program by February 2015

Annex 7: Habitats and Species



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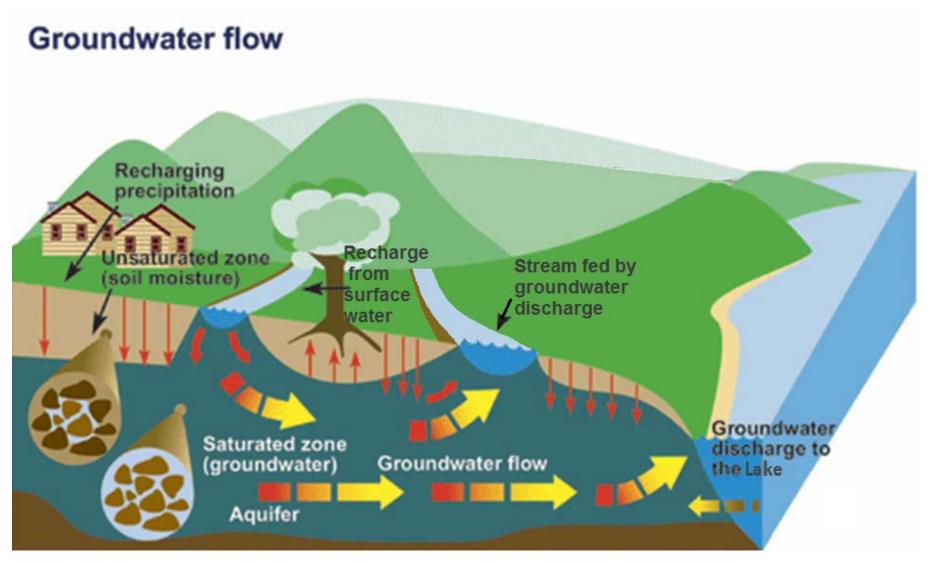
- Evaluate existing information and recommend approaches to establish measureable targets for net habitat gain.
- Investigate tools and techniques that can assist with priority setting and decision making.
- Explore ways to incorporate the concepts of resilience, adaptive management and climate change adaptation strategies into conservation of habitats.

Annex 7: Habitats and Species

- Complete Biodiversity Conservation Strategies for all lakes by 2015
- Implement priority actions in Conservation Strategies through existing programs and agreements



Annex 8: Groundwater



Annex 8: Groundwater

- Identify science gaps and research needs
- Surveillance of groundwater quality
- Analyze contaminants and other factors affecting groundwater's impact on the waters of the Great Lakes



Annex 8: Groundwater

Priorities for Action:

Publish a Groundwater Science
 Report by February 2015

 Coordinate binational groundwater activities

 Engage managers, stakeholders and public on these collaborative actions



Annex 9: Climate Change Impacts



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- Compile science or information about the state of Great Lakes climate change knowledge
- Assess and identify critical information needs and develop strategies to address them

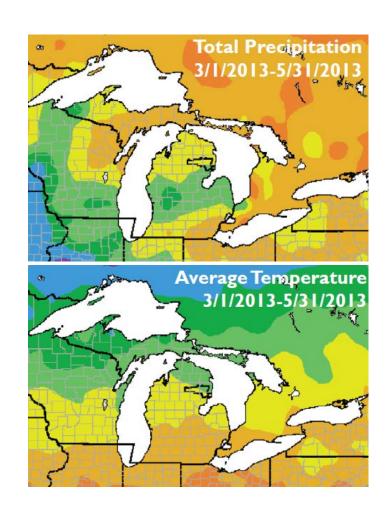






Annex 9: Climate Change Impacts

- Address regional needs for improved climate science
- Coordinate across Annexes
- Communicate and share climate information
- Deliver Great Lakes Climate
 Summaries and Outlooks



Annex 10: Science



Annex 10: Science

- Cooperative Science and Monitoring Initiative
 - Coordinated Planning
 - Delivery and Reporting of Science
- Integrating science activities across all annexes and identifying common needs
- Exploring options for managing and sharing data and information
- Timely reporting and synthesis of all science under Agreement





