

Michigan's Aquatic Invasive Species Program

Phragmites Symposium March 30, 2011

Sarah LeSage, Aquatic Biologist
Aquatic Invasive Species Program Coordinator
Michigan DEQ



Outline

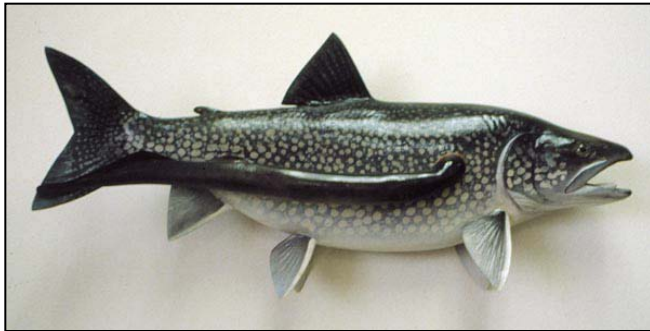
- History of the Aquatic Invasive Species State Management Plan
- Great Lakes Restoration Initiative
- State Management Plan update
- Moving Forward



History of Michigan's Aquatic Invasive Species State Management Plan

1996

MI's first AIS State Management Plan



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- Limit the spread
- Abate the effects



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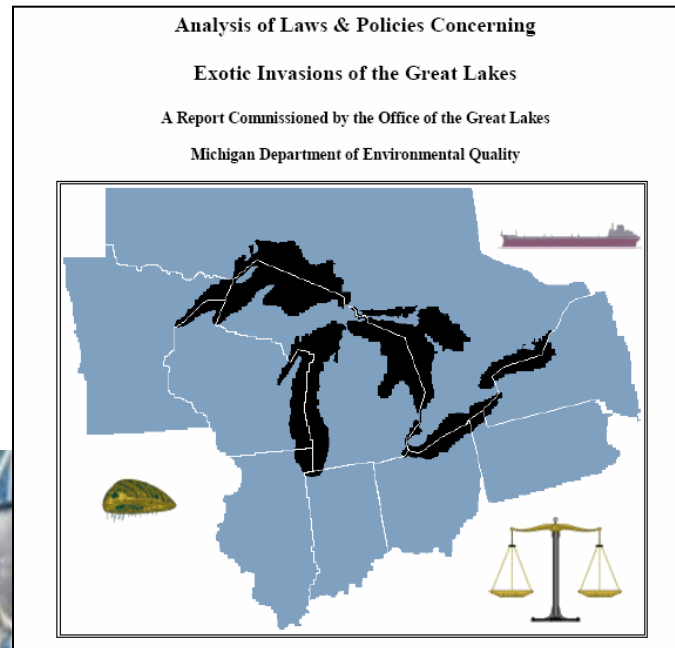
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- Summary of accomplishments



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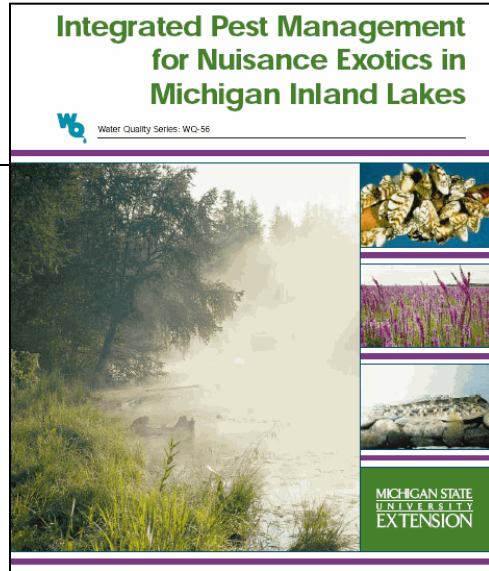
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Many more projects!

Many more discussions!

2008 Michigan's call to action on aquatic invasive species

Phragmites Symposium



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Limited funding for projects and staff!



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The Great Lakes Restoration Initiative



The Great Lakes Restoration Initiative

Focus area: Invasive species



FY2010 – FY2014

Great Lakes Restoration Initiative Action Plan



February 21, 2010

*White House Council on Environmental Quality
U.S. Department of Agriculture
U.S. Department of Commerce
U.S. Department of Health and Human Services
U.S. Department of Homeland Security
U.S. Department of Housing and Urban Development
U.S. Department of State
U.S. Department of the Army
U.S. Department of the Interior
U.S. Department of Transportation
U.S. Environmental Protection Agency*

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The Great Lakes Restoration Initiative

- AIS program cohesiveness

- Update the Plan

- Implement priority activities





State of Michigan AIS team

- Department of Environmental Quality
 - Water Resources (Sarah LeSage and Eric Bacon)
- Department of Natural Resources
 - Fisheries (Tammy Newcomb, Todd Grischke, Christian LeSage)
 - Wildlife (Sue Tangora)
 - Recreation (Jason Fleming)
 - Law Enforcement (Steve Huff)
- Department of Agriculture
 - Pesticide and Plant Pest Management (Mike Bryan)
- Office of the Great Lakes (Roger Eberhardt, Matt Preisser, Emily Finnell)
- Others
 - Department of Transportation
 - Project Planning (Bethany Matousek)
 - Forestry and Attorney General

AIS Program Tasks

- **Coordination**
 - Lead Core Program
 - USFWS grant management
 - Coordination with federal programs and with other Great Lakes states Program priorities
 - Program evaluation
 - Coordination with terrestrial invasive species program
 - Sustainable funding development
 - Update AIS SMP
 - Legislation
- **Early Detection and Rapid Response**
 - Monitoring and assessment (early detection)
 - Rapid assessment/rapid response Contribute to a Geographic Information System database and maps for species
- **Education, Outreach, and Training**
 - Stakeholder input coordination
 - Staff training for prevention, early detection rapid response, and best management practices
 - Develop prevention and control best management practices
 - Coordinate educational programs/activities D. Evaluation
 - Monitoring and assessment
- **Regulation**
 - Compliance and enforcement
 - Chemical treatment permits
 - Ballast water control permits
 - Administration of Part 413, Transgenic and Nonnative Organisms, of the NREPA: update list of prohibited species list, prohibited species permits, etc.
 - Develop a clean list of species



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Michigan's Aquatic Invasive Species State Management Plan: Update 2011

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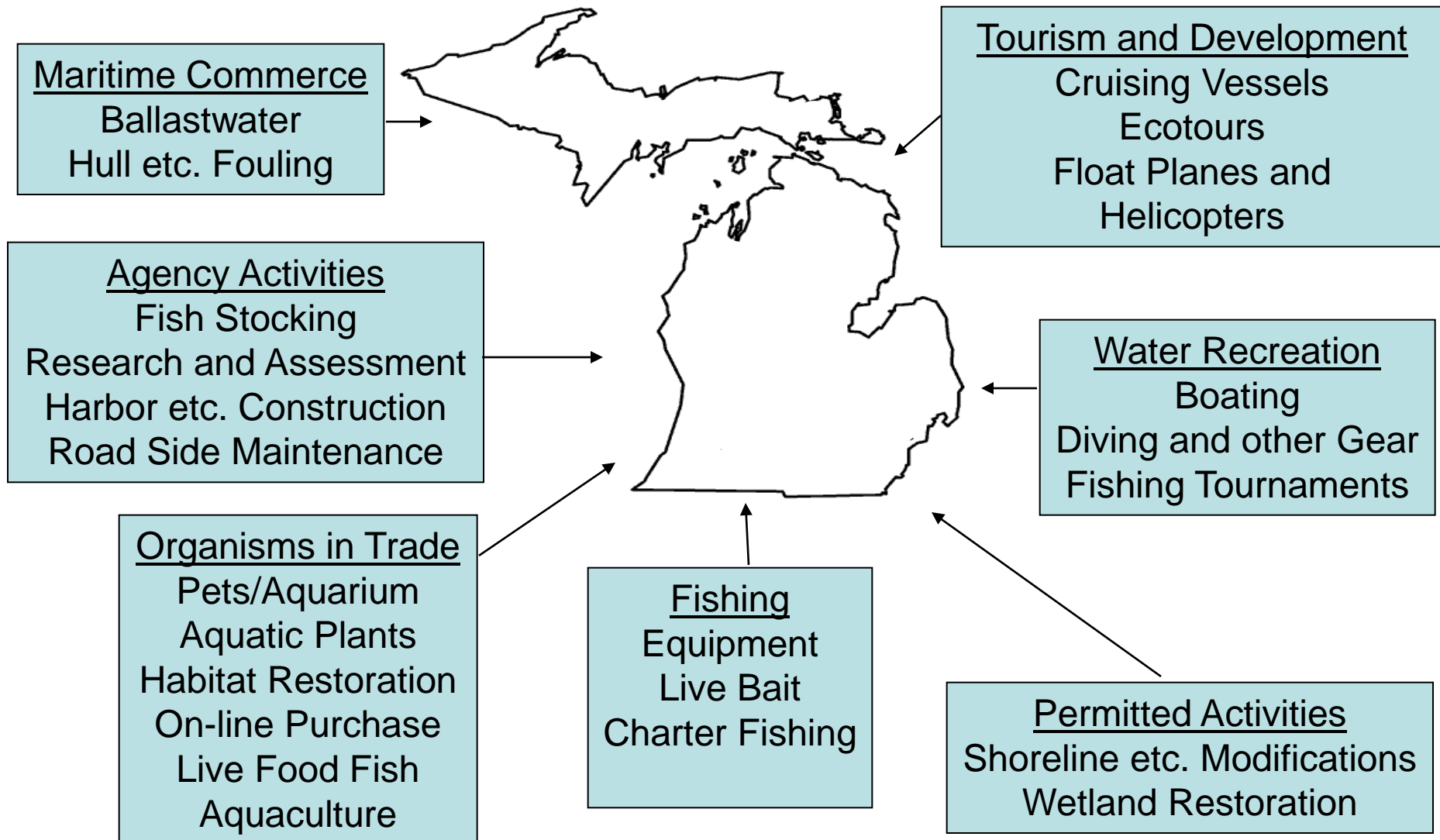
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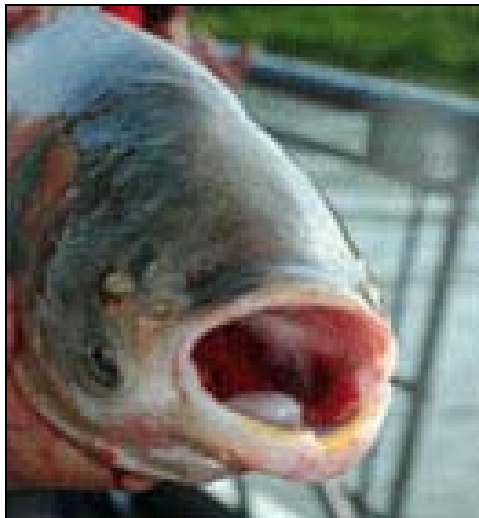
Vector & Pathway Approach



Adapted From the Lake Superior AIS Plan

AIS Michigan's Aquatic Invasive Species State Management Plan: Update 2011

**Focus:
Prevention**





AIS Michigan's Aquatic Invasive Species State Management Plan: Update 2011

Existing Efforts:

- GLRI *Action Plan*
- Great Lakes Regional Collaboration Strategy
- MI Great Lakes Plan
- Lake Superior AIS Complete Prevention Plan
- Proposed Plan for the Prevention, Detection, Assessment, and Management of Asian Carps in Michigan Waters
- Existing/pending lake biodiversity conservation strategies.
- Early Detection Rapid Response work
- This Phragmites Symposium!*



AIS Michigan's Aquatic Invasive Species State Management Plan: Update 2011

How you can help:

- Keep doing good work
- Remain involved
- Participate in our stakeholder process or public comment period- this fall?
- Contact us at any time!



Take Home:

- We have an Aquatic Invasive Species State Management Plan
- We're in the process of updating it
- Phragmites management is part of the Plan
- We Need your input!

Sarah LeSage
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517-241-7931