



Department of
Environmental
Conservation



A pound of prevention:

New York's updated aquatic invasive species
management plan

NEANS Panel Meeting
December 3, 2015

AIS Management Plan

Goal

Objectives

Current Research

What does it all mean?



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Environmental
Conservation

Goal



Stop the introduction and spread of aquatic invasive species into and within New York State's waters

Objectives

- Prevention
- Detection
- Response
- Capacity



**“It doesn’t seem to be covered in our
invasive species management plan.”**

Prevention

Through regulatory efforts

- 6 NYCRR Part 575 Regulated and Prohibited Species
- Amendment to Article 3 of the Navigation Law – “AIS spread prevention signs at public boat launches”
- Amendment to the Environmental Conservation Law (9-1710) – “reasonable precautions” for recreational boat operators



themissouritimes.com

Prevention



Lake Flower

Through education and outreach

- Boat stewards/watercraft inspection at public and private launches
- Potential target audiences: aquatic gardeners, hobbyists, observers of specific cultural traditions, classroom releases

Watercraft inspection and boat stewardship

Top priority for AIS management plan implementation

- Assessing current coverage and addressing gaps
- AIS grant program
- Train the trainer workshops/webinars
- Steward training



Identifying pathways and evaluating risks



Martin Bureau/AFP/Getty Images

- Recreational water vehicles
- Anglers
- Organisms in trade
- ???

Detection

Recruitment and training for monitors from

- existing monitoring networks
- new organizations
- residents of watersheds and municipalities

Streamlining making reports and notifying appropriate contacts

iMapInvasives
Sharing information for strategic management

Welcome

iMapInvasives About Us Resources Login/Maps

What is iMapInvasives?

iMapInvasives provides an on-line, GIS-based data management system to assist citizen scientists and natural resource managers working to protect natural resources from the threat of invasive species. There are six types of data available in iMapInvasives:

iMapInvasives provides six types of data:

1. **Observation** – who, what, when, where
2. **Assessment** – detailed information about an observation
3. **Survey** – planned search of an area to determine presence or absence of specific invasive species
4. **Treatment** – information about treatment
5. **Infestation** – information about a population
6. **Project** – a way to group data

Read about the [iMapInvasives Features](#).

For information about how your state/province can participate with the iMapInvasives Project see [How The Partnership Works](#) section.



Response



- Response teams for each NYSDEC region
- Identify legal, regulatory, and institutional barriers that could impede rapid response
- Develop protocols for response

Case Studies: Some recently discovered Hydrilla infestations

Ithaca: Cayuga Inlet and Fall Creek

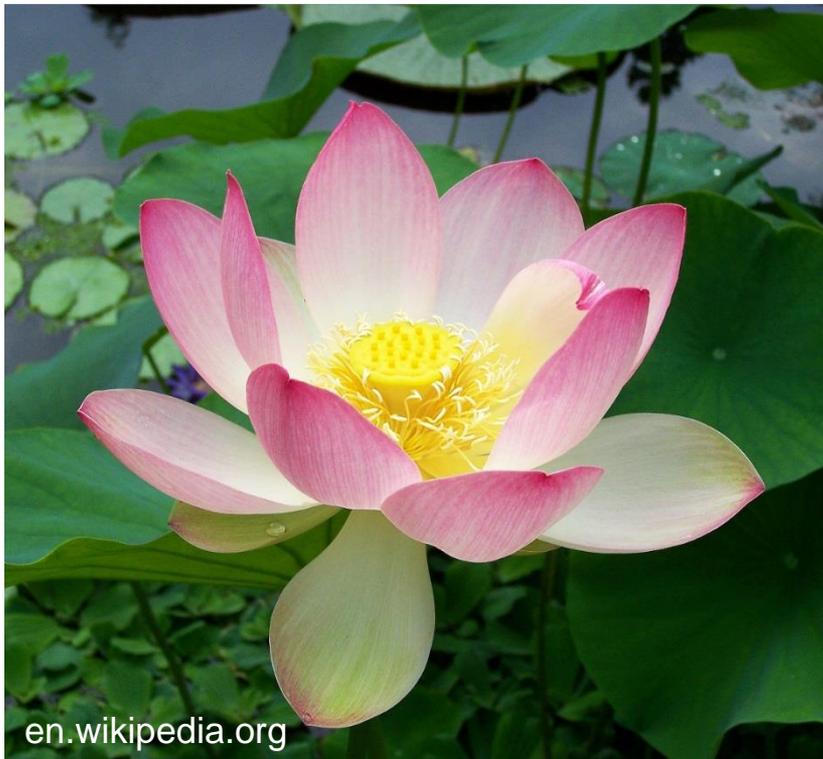
Buffalo area: Tonawanda/Erie Canal

Croton-on-Hudson: Croton River and Bay, New Croton Reservoir

Henrietta: Tinker Nature Park pond



Capacity



- New AIS Coordinator to help implement plan
- New education/outreach coordinator and response and management coordinator

Capacity

- Regional response teams
- More collaboration among agencies
- More NYS resources
- More avenues to reach target audiences
- More strategic planning and delivery



What does it all mean?



- Arriving at boat launches “cleaned, drained, and dry”
- More local and rapid response to verified reports of invasive species
- More research to cover information gaps for particular AIS

Current Research



- Biocontrol of Phragmites (with Department of Transportation)
- Biocontrol of water chestnut
- Inexpensive methods to decontaminate boats

What does it all mean?

- More support (both financial and technical) for boat steward programs throughout the state
- Increased awareness about aquatic invasive species and ability to make reports and requests for information



What does it all mean?



- More volunteers recruited and in need of support and coordination
- More training and encouragement to get folks to make reports to iMaps and make use of NYSDEC resources

Resources

NYSDEC website

[http://www.dec.ny.gov/:](http://www.dec.ny.gov/)

Animals, Plants, Aquatic Life

Nuisance & Invasive Species

Aquatic Invasive Species in NYS

Invasive Species Regulations





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Thank you !

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