

Ohio GLRI Projects

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Monitoring and Early Detection

Take advantage of current efforts

Many groups in Ohio that are conducting surveys in Ohio as part of their regular duties

- Evaluate current survey efforts
- Develop a notification process
- Identify gaps and recommend monitoring improvements
- Create and disseminate a regional AIS “watch” list.
- Target high hazard areas for monitoring



Monitoring and Early Detection

Get an experienced crew dedicated to the task

**Monitor
Selected
Waters for
invasive
Plants**



Asian Carp Monitoring

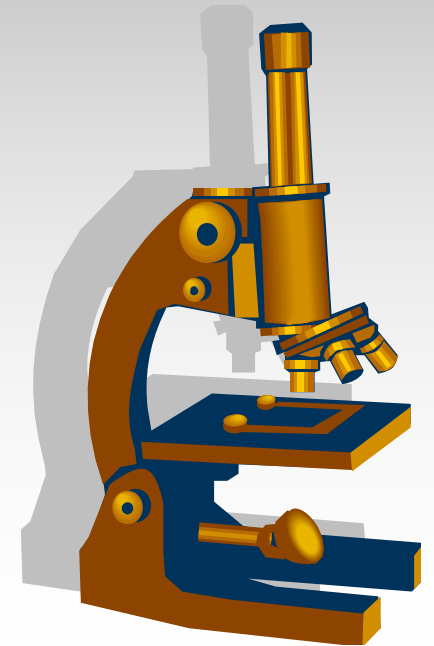
We know they are out there

Use eDNA Sampling to Target Suspect Waters

- Ohio River and larger tributaries: Muskingum River
- Lake Erie and larger tributaries: Maumee River
- Assist an Ohio institution to get up and running



Plate 1: Gel electrophoresis including positive detections. Site A is at the confluence of the CSSC and the Des Plaines River in the Brandon Road pool and Site B is near a power plant in the Dresden Island Pool where water temperatures exceeded 90F.



Information and Education

Get the word out

Outreach and Education: Target outreach efforts and prioritize key audiences to promote understanding of invasive species dispersal pathways and risks.

Wildlife Forever AIS Threat Campaign - Billboards



Control

Hit them hard with all you got

Prioritize control efforts & implement control strategies on state and private land based using best available technology and in an environmentally sound manner.

**Estimated cost for this task is
\$685,000 (86%)**

- **Herbicides: \$60,000**
- **Equipment: \$325,000**
- **Contract spraying on state property: \$150,000**
- **Contract spraying on private property: \$150,000**



Marsh Masters

Get to those hard to reach spots



Lake Erie Cooperative Weed Management Area (CWMA)

Group is more effective than individuals

A CWMA Advantages

- **Combine financial resources**
- **Tap into multiple disciplines**
- **Unified approach**
- **Simplified administration**
- **Minimize confusion**





HUMILIATION

THE HARDER YOU TRY, THE DUMBER YOU LOOK.