



# Asian Carp Regional Coordinating Committee

The ACRCC, with support from Federal, state, and local agencies, and private stakeholders and citizens, are creating a sustainable Asian carp control program to prevent the establishment of an Asian carp population in the Great Lakes.



# ACRCC Control Actions

## Accomplishments

- Asian carp not established in Chicago or the Great Lakes
- All Great Lakes States, Ontario and Canada as partners
- Only CAWS a high risk pathway for Asian carp
- Best control options identified at Eagle Marsh, Indiana
- Redundant and effective electric barriers

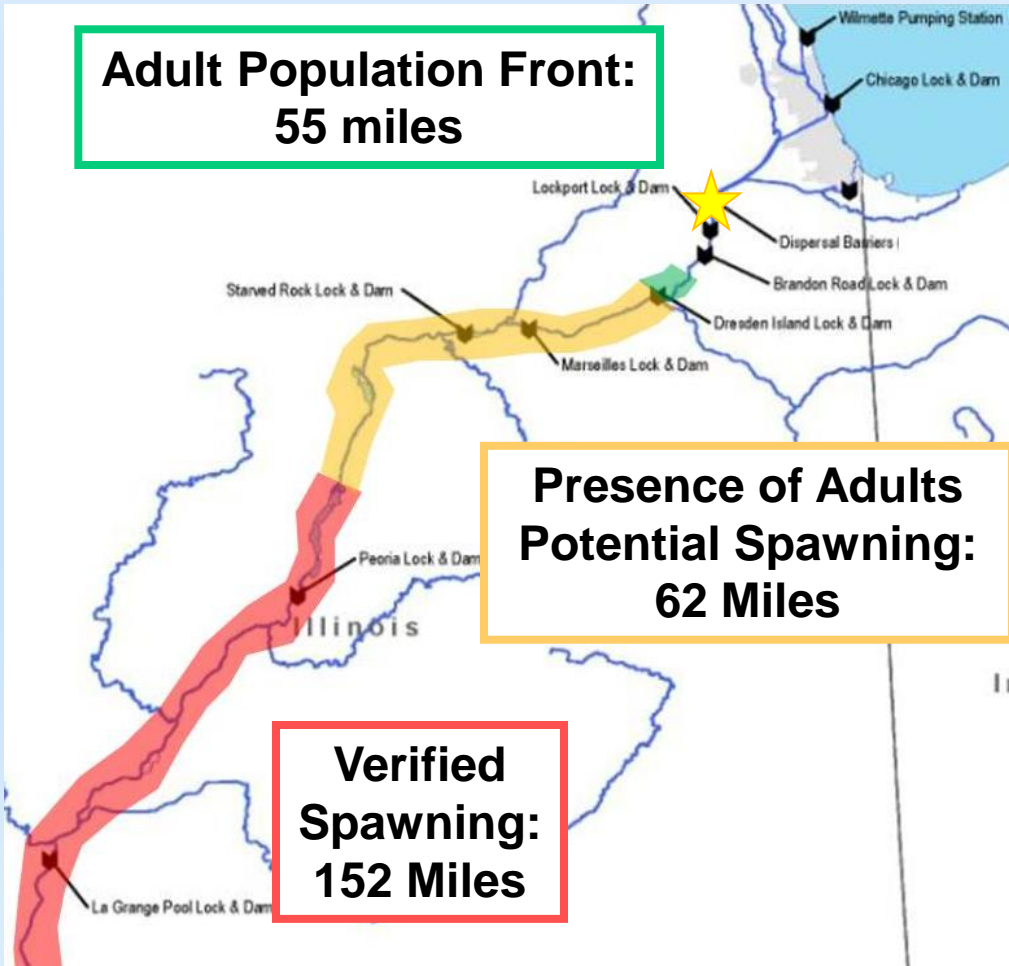
## Ongoing Actions

- Best GLMRIS control options identified in 2013
- eDNA and fish sampling Great Lakes basin wide
- Testing new technologies like waterguns, toxicants and CO2
- Harvest Asian carp below the electric barrier
- Refining eDNA technology and identifying vectors



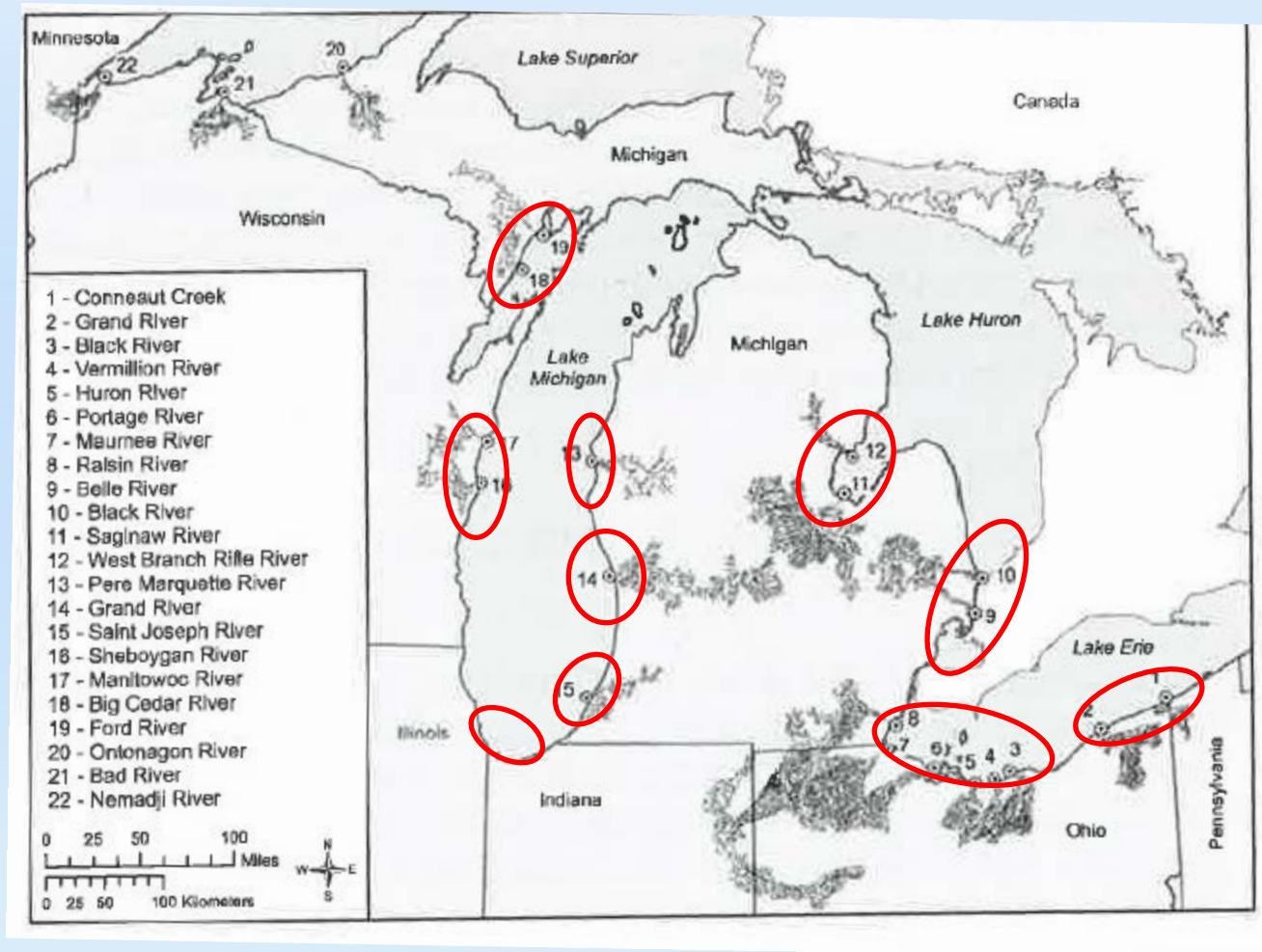
# Asian Carp Risk and ACRCC Monitoring within Illinois

- Asian carp have not advanced since 2007
- CAWS & Upper Des Plaines
  - Barriers
  - Monitoring
  - Response
- Upper Illinois & Lower Des Plaines
  - Front Monitoring
  - Barrier Defense
- Illinois River
  - Commercial Harvest





# Great Lakes Monitoring Efforts





# USGS Asian Carp Science

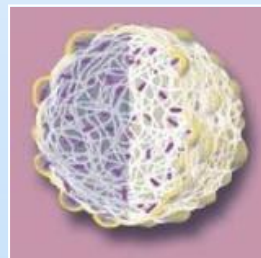
## Exclusion-Detection-Attraction-Removal

### Partner-Driven Science Strategy

- Developing new tools and methodologies
- Working to transfer these tools to managers
- Approach can be applied to other invasives

### Current and Future Research

- ✓ Evaluating use of waterguns (sound energy waves) to deter and repel Asian carp
- ✓ identifying potential river spawning locations



- ✓ Examining food availability in the Great Lakes
- ✓ Using pheromones to attract then capture Asian carp
- ✓ Developing toxic microparticles to control Asian carp, minimizing effects on non-target species



# THANK YOU

For more information

Please visit [www.asiancarp.us](http://www.asiancarp.us)

