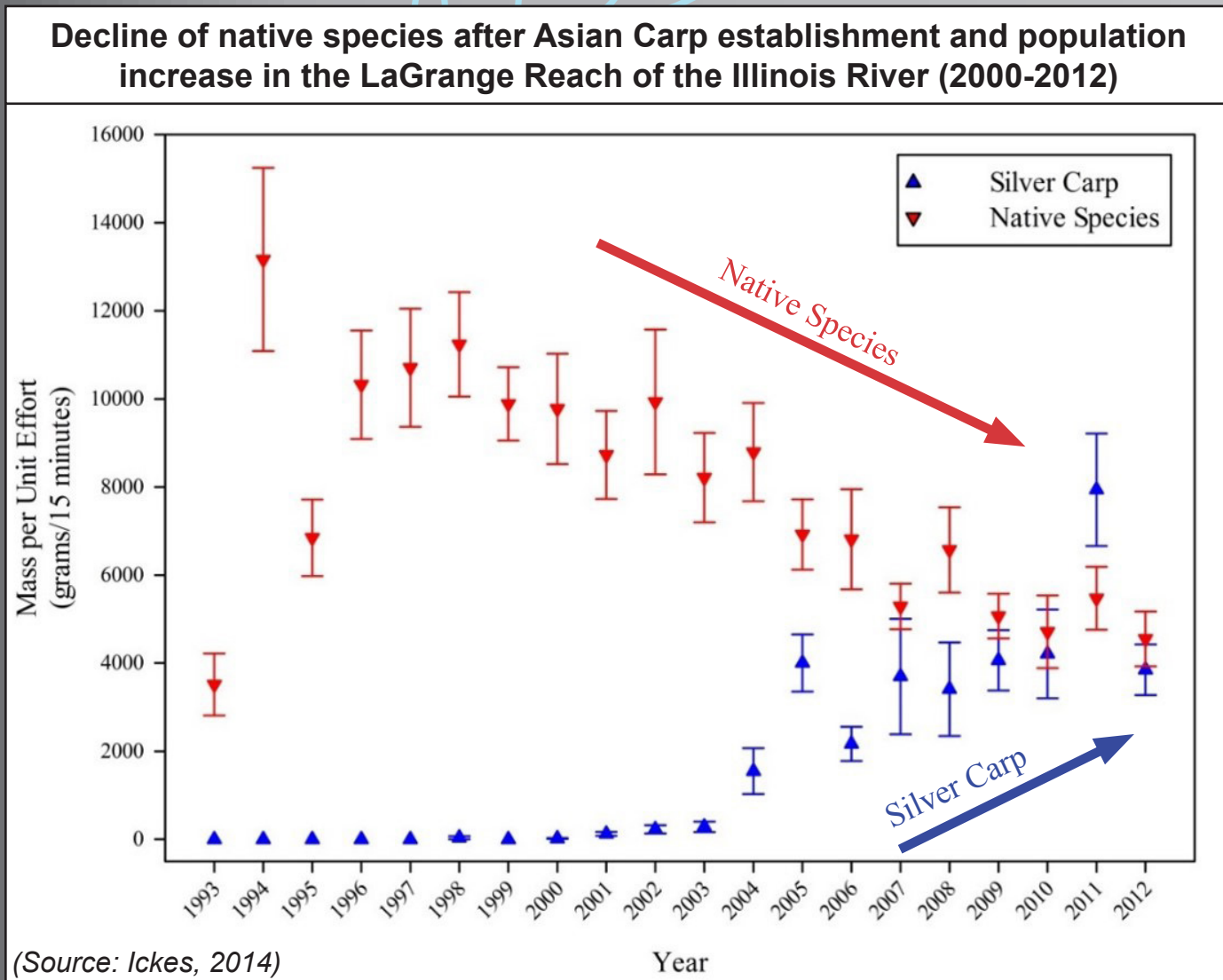
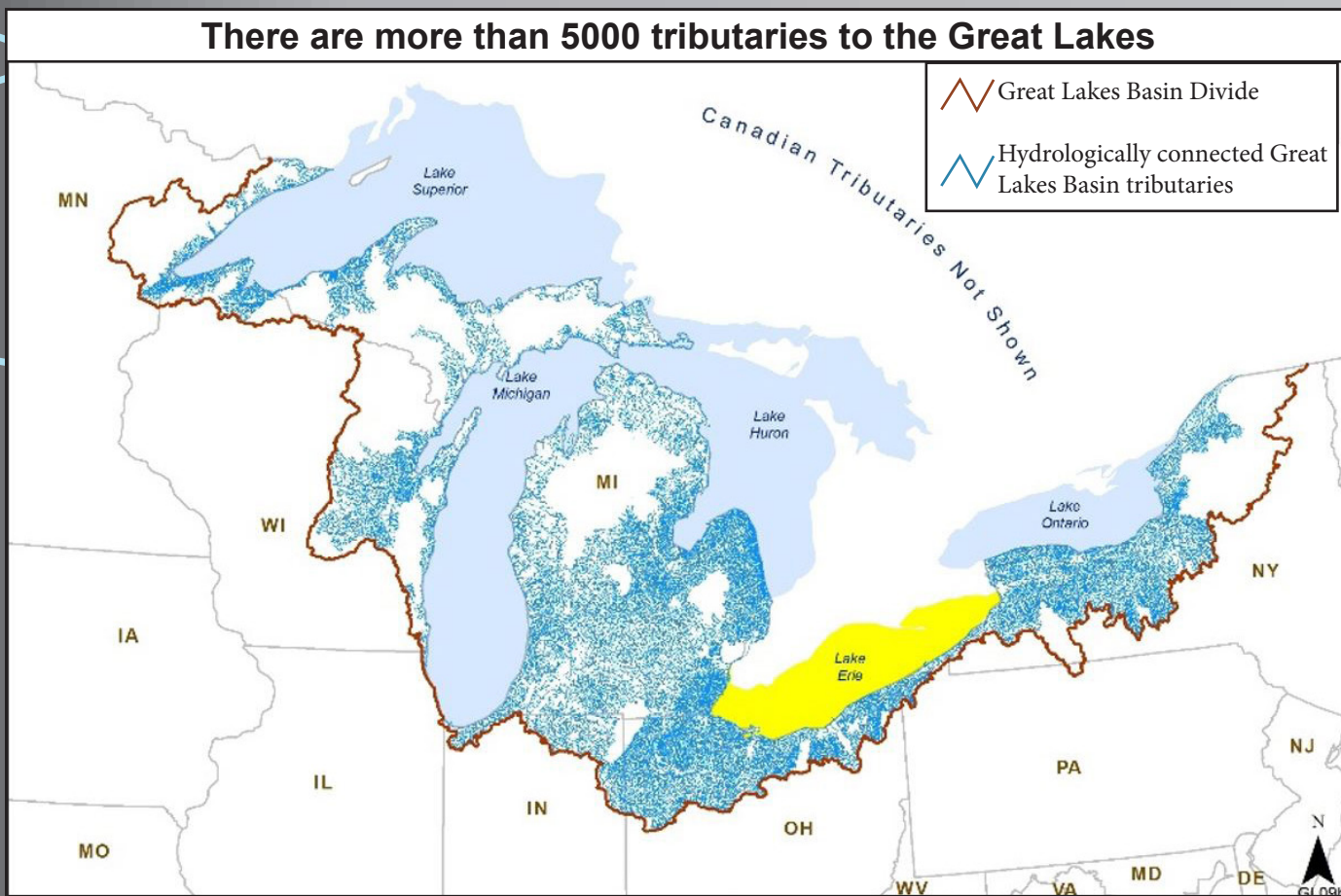


GLMRIS-BRANDON ROAD

GREAT LAKES MISSISSIPPI RIVER INTERBASIN STUDY-BRANDON ROAD



CONSEQUENCES OF ASIAN CARP ESTABLISHMENT IN THE GREAT LAKES BASIN

- Consequences assessed for currently known aquatic nuisance species that threaten Great Lakes Basin.
- Difficult to forecast consequences in new basins.
- Unable to forecast consequences of future species.
- Tentatively-Selected Plan would be adapted to address future aquatic nuisance species.

ENVIRONMENTAL

- Modeling studies and data from other invaded systems indicate Asian Carp have the potential to adversely affect aquatic communities in Great Lakes and its tributaries (see graph). Studies indicate Great Lakes Basin is suitable for Asian Carp establishment.
- Significant uncertainty about the Asian Carp population size the Great Lakes Basin can support. The magnitude of environmental impacts is uncertain.

ECONOMIC

- Available data was limited:
 1. Lake Erie fisheries could be evaluated.
 2. Considered changes in fish biomass.
 3. Impacts estimated for 3 fishing activities in Lake Erie.
 4. Impacts depend on Asian Carp abundance and diet.
- Impacts to recreational water uses, commerce and tourism, and property values could not be quantified, but could be affected by Asian Carp establishment.

SOCIOPOLITICAL

- If Asian Carp become established in the Great Lakes Basin:
 1. They could impact boater safety and the public's perception of Great Lakes and tributary quality.
 2. Could be extremely costly to manage.