

AIS-HACCP

Aquatic Invasive Species–Hazard Analysis and Critical Control Point



Natural Resource Professionals Can Prevent the Spread of Aquatic Invasive Species Using AIS-HACCP



AIS-HACCP is a process to help identify and control the critical pathways for spread of aquatic invasive species or other non-target aquatic species. The process provides for self-monitoring, verification, and record-keeping systems to help ensure that your activities don't spread these hazards.

For Who?

- Resource managers
- Researchers
- Graduate students
- Technicians
- Consultants
- Enforcement officers
- Fish farmers
- Baitfish producers

Why HACCP?

Natural resource professionals can spread invasive species during field work. Risks associated with their activities are diverse and a one-size-fits-all approach is often inappropriate or ineffective. AIS-HACCP is a flexible approach that manages diverse activities to prevent the spread of invasive species or provide AIS-free certification.

Do your activities pose a risk for spreading invasive species?

Potential Invasive Hazards

- Fish & other vertebrates
- Invertebrates
- Aquatic plants
- Diseases and parasites



How HACCP Works

1. Conduct hazard analysis
2. Identify critical control points (CCP)
3. Establish control measures
4. Monitor each CCP
5. Establish corrective action to be taken when a problem occurs
6. Verify that the HACCP plan and control measures work
7. Establish a record-keeping system

Selected Outcomes & Impacts

- Over 500 private, state, federal, and tribal representatives from over 25 states, and the province of Ontario have been trained through workshops held in 18 states
- The U.S. Fish & Wildlife Service has adopted AIS-HACCP and developed 90 AIS-HACCP plans in over 16 states
- The Great Lakes Indian Fish & Wildlife Commission has developed AIS-HACCP protocols for their resource management work
- Fish farmers and baitfish producers have developed plans to help prevent the spread of invasive species in many Great Lakes states
- The Bait Association of Ontario will be training all bait producers in AIS-HACCP
- The Fish and Boat Commission in Pennsylvania stopped planting Lake Erie emerald shiners in inland lakes as a result of risks revealed through AIS-HACCP training

Sea Grant conducts 1-day training workshops!

Curriculum manual, instructional video, and many training resources available.

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