

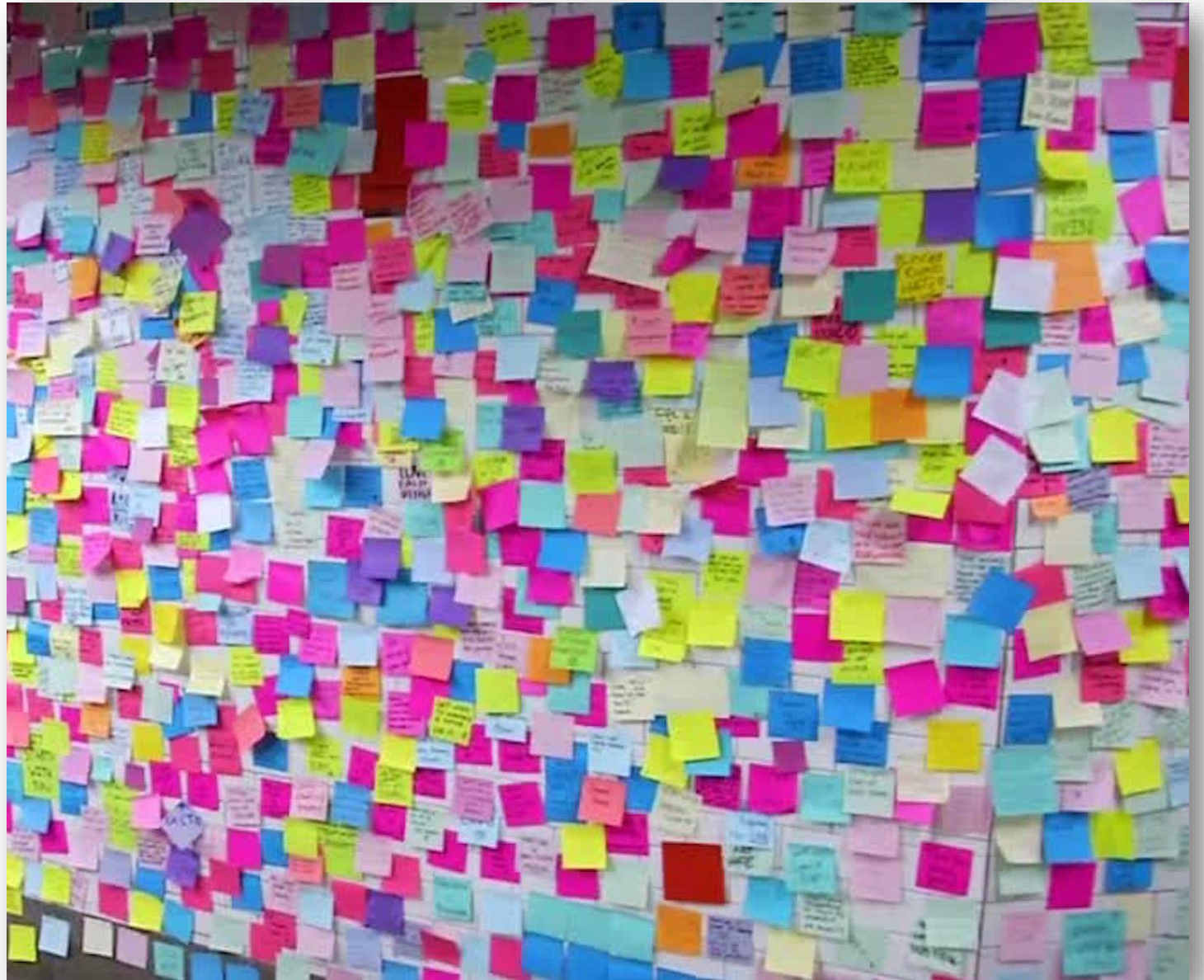


U.S. FISH AND WILDLIFE SERVICE FISH AND AQUATIC CONSERVATION

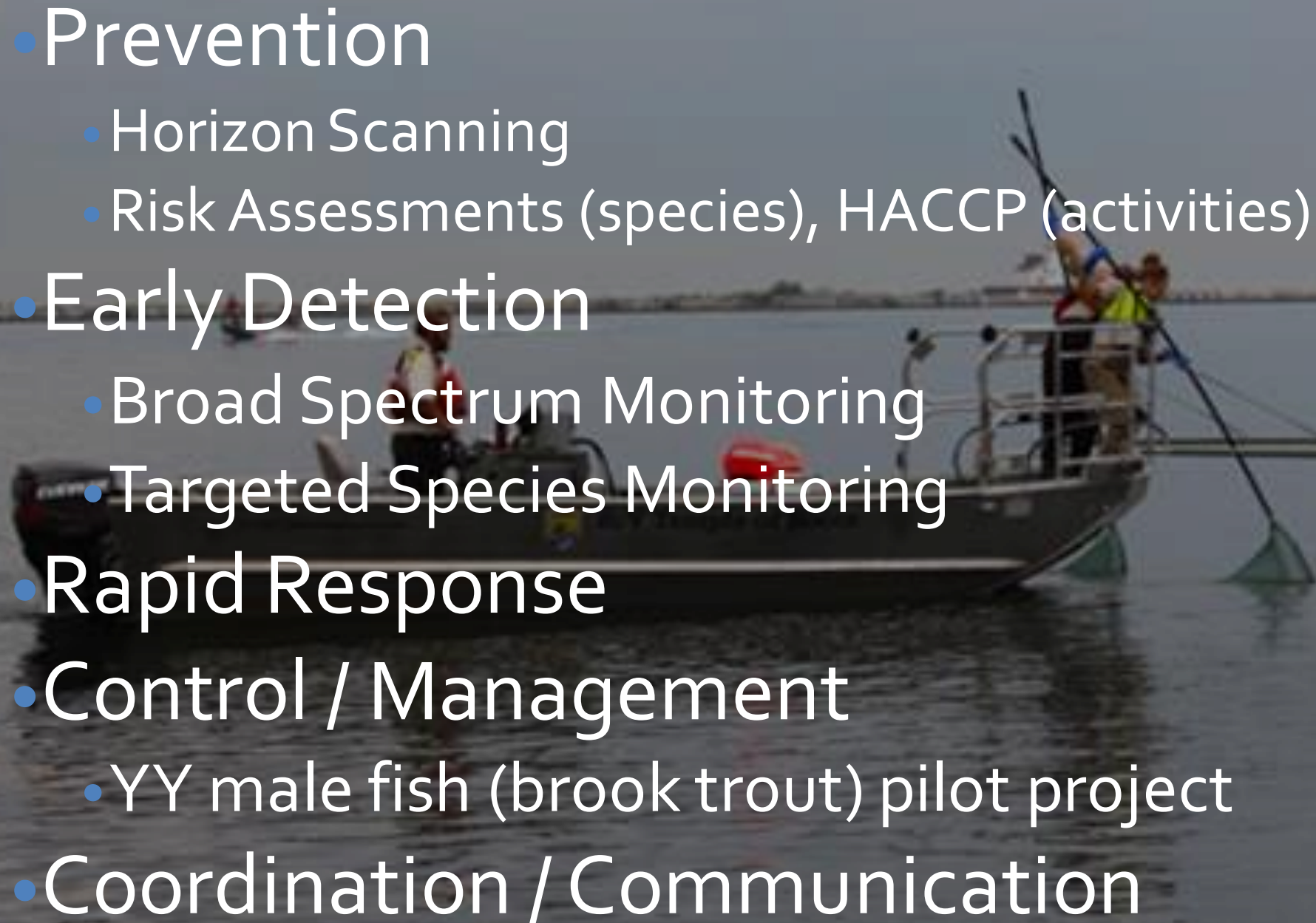
AQUATIC INVASIVE SPECIES PROGRAM UPDATE

Columbia River Basin 100th Meridian Working Group
Coordination Meeting - December 12-13, 2023

Program Priorities

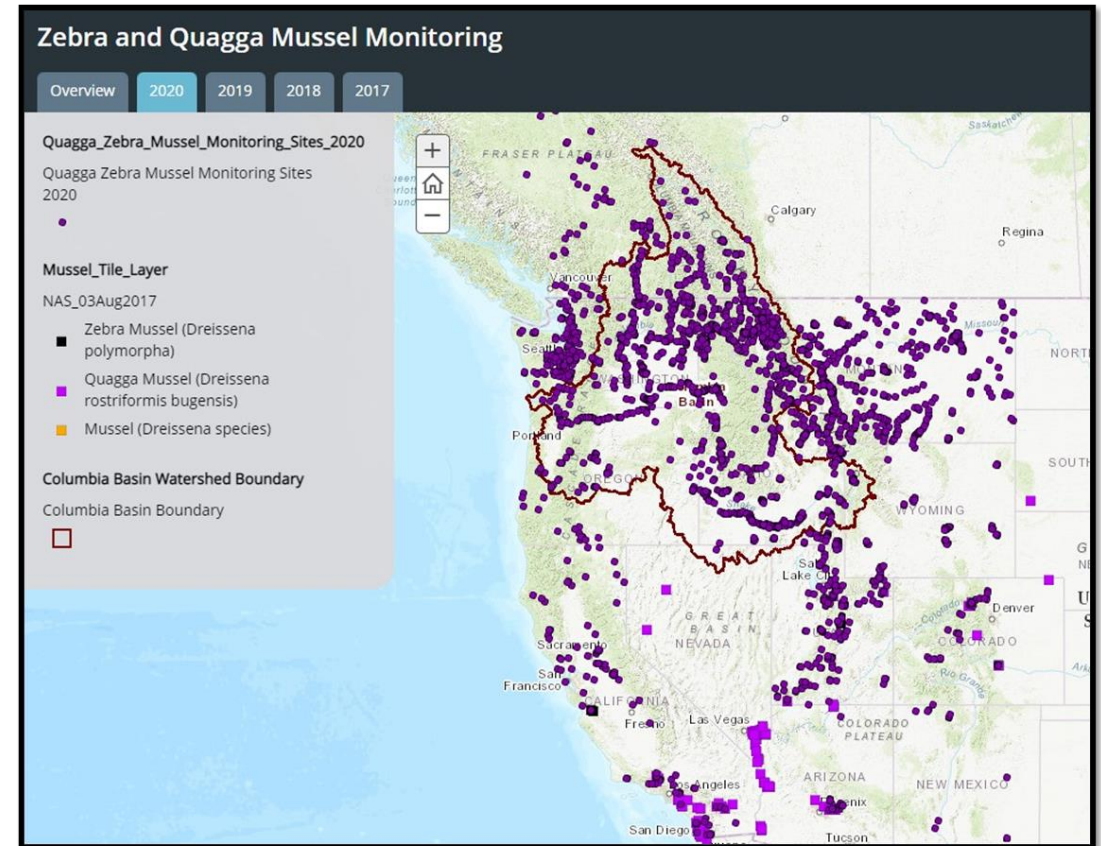


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- A small motorboat is on a body of water. Several people are on board, and there is a net or fishing gear extending from the boat into the water. The background shows a distant shoreline under a clear sky.
- Prevention
 - Early Detection
 - Rapid Response
 - Control / Management
 - Coordination / Communication

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- A photograph of a boat on a body of water, with several people on board. One person is standing on the deck, and another is leaning over the side. The boat is dark-colored and has a red buoy on the deck. The background shows a calm body of water and a distant shoreline under a clear sky.
- Prevention
 - Horizon Scanning
 - Risk Assessments (species), HACCP (activities)
 - Early Detection
 - Broad Spectrum Monitoring
 - Targeted Species Monitoring
 - Rapid Response
 - Control / Management
 - YY male fish (brook trout) pilot project
 - Coordination / Communication

Monitoring

- Visual inspection surveys
- eDNA monitoring
 - Zebra & Quagga mussel
 - Northern pike
 - Common carp
 - New Zealand mudsnail
- FY24 – working to develop validated eDNA primers for high priority AIS for surveillance at NFH



Priority Aquatic Invasive Species

- Mystery snail(s)
- Rusty crayfish
- Marbled crayfish
- Eurasian watermilfoil
- Hydrilla
- American bullfrog
- Spiny waterflea
- Largemouth bass
- Smallmouth bass
- walleye
- Brook trout
- Invasive carp species
- Large scale loach
- Round goby

YY Brook Trout Stocking

- Tye Springs / Wind River
- Stocking YY Brook Trout
- Annual Brook Trout removal
- PIT array to monitor movement and survival of YY brook trout



European Green Crab

- Ongoing monitoring / removal
 - Billy Frank Jr. Nisqually NWR Complex
 - Washington Maritime NWR Complex (including Dungeness NWR)
 - Willapa Bay NWR Complex
- Puget Sound Federal Task Force
- ANSTF Control Plan



Funding

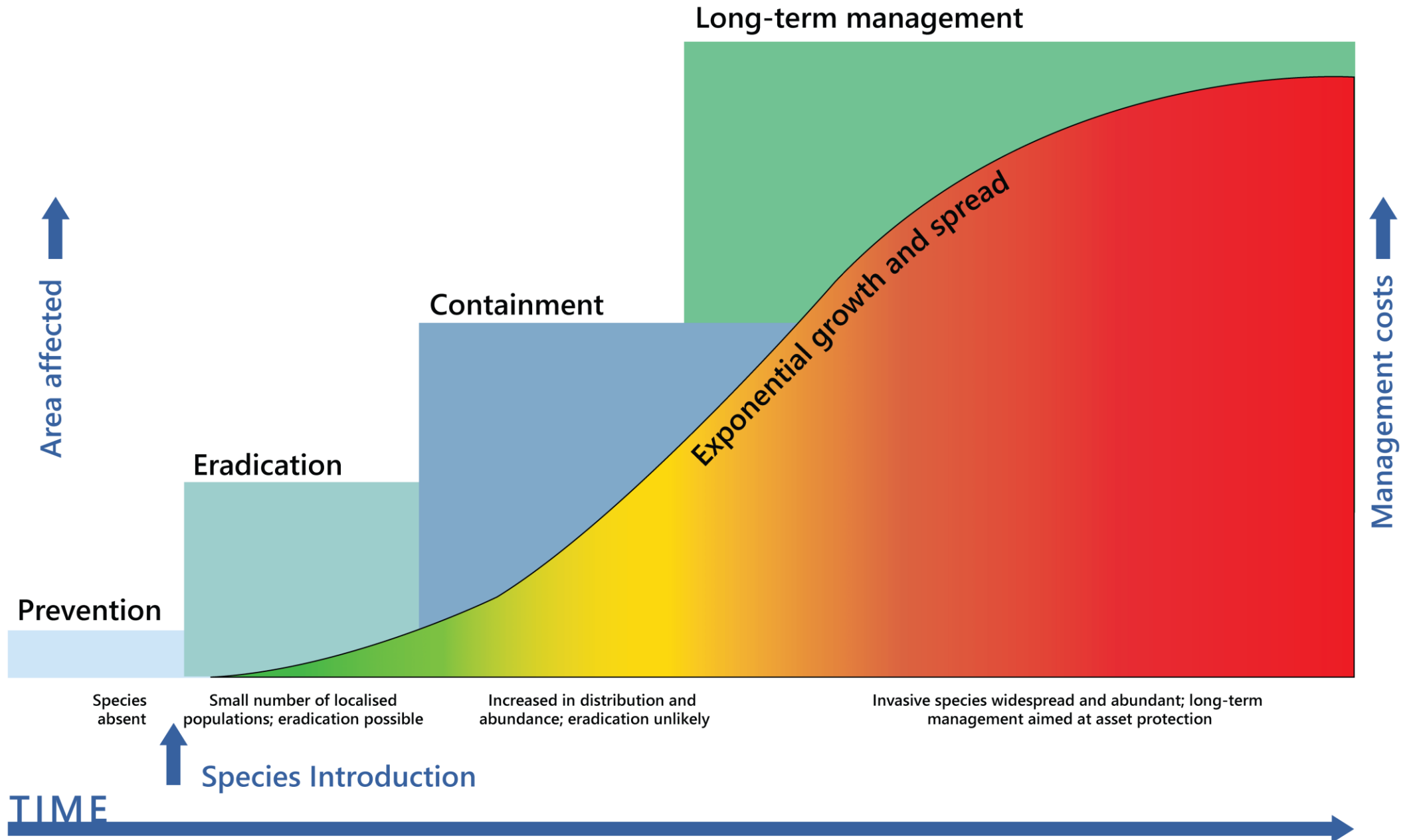
FY24 State ANS Plan Grants

Quagga / Zebra Mussel Action Plan Funds

Inter-Agency Agreement

- Watercraft Inspection database
- Watercraft Inspection training

Aspects of the Invasion Management Process





Theresa Thom
971-278-8029
theresa_thom@fws.gov