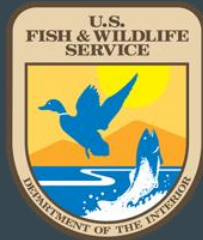


Federal Funding for Quagga/Zebra Mussel Containment in the West

...



David Britton, Ph.D.
U.S. Fish & Wildlife Service
Fish & Aquatic Conservation

INVASIVE MUSSELS



Overview

Funding is available annually for the U.S. Fish and Wildlife Service

Approximately \$930,000 to be divided among winning proposals

The primary focus is to prevent further spread of zebra/quagga mussels

Trailerred boats from infested areas are especially targeted

Primary Areas for Funding

Inspection/Decon

Boats leaving waters known to have zebra or quagga mussels should be inspected to ensure that live mussels are not carried to other waters where mussels are not present.

Outreach

The boating public should be aware of how they can help prevent the spread of invasive mussels, and what is expected of them by the authorities, especially when they cross state lines.

Research

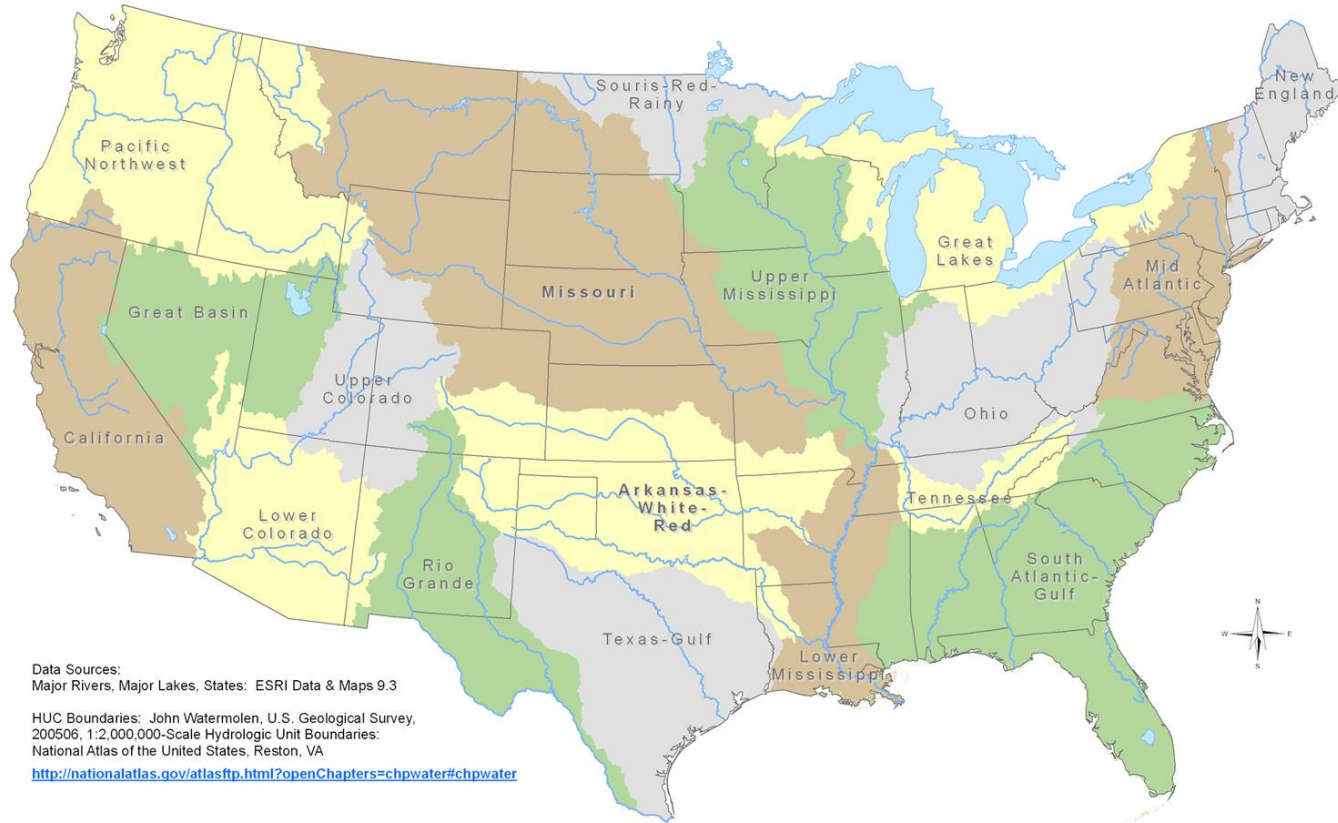
There is a considerable amount of information that is currently unknown that could help us prevent further spread or better control already affected populations.

Zebra and Quagga Mussel Sightings Distribution
Dreissena polymorpha and *D. rostriformis bugensis*



- Zebra mussel occurrences
- Quagga mussel occurrences
- Both species occurrences
- Zebra/Quagga mussels eradicated
- Zebra/Quagga mussels failed

Major Hydrologic Units in the Continental U.S.



Data Sources:
Major Rivers, Major Lakes, States: ESRI Data & Maps 9.3

HUC Boundaries: John Watermolen, U.S. Geological Survey,
200506, 1:2,000,000-Scale Hydrologic Unit Boundaries:
National Atlas of the United States, Reston, VA

<http://nationalatlas.gov/atlasftp.html?openChapters=chpwater#chpwater>



Kansas Department of Agriculture
Administrative Services, GIS
October 30, 2009

0 250 500 1,000 Miles

Federally Funded Projects 2016

Outreach and
Information

Lake Havasu Marine Association
\$55,000

Containment at Lake Powell

Utah Division of Wildlife Resources
\$124,297

Decontamination
Service at Lake Mead

Nevada Department of Wildlife
\$185,401

Staff for
Decontamination

Arizona Game and Fish Department
\$75,000

Federally Funded Projects 2016

Containment at Lake
Piru

United Water Conservation District
\$130,019

Expand Capabilities of
Inspection Dogs

Working Dogs for Conservation
\$70,357

Interagency
Communication

Colorado Parks and Wildlife
\$117,720

Federally Funded Projects 2016

Outreach and
Information

Lake County Watershed Conservation District
\$137,061

Outreach to Boaters
(Non-motorized)

Invasive Species Action Network
\$35,145

More Information

Annual meeting for discussion of priorities

Announced on Western Regional Panel email group

Contact leah@stopans.org to join

Requests for proposals are posted on Grants.gov

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