



David Wong



Iowa DNR

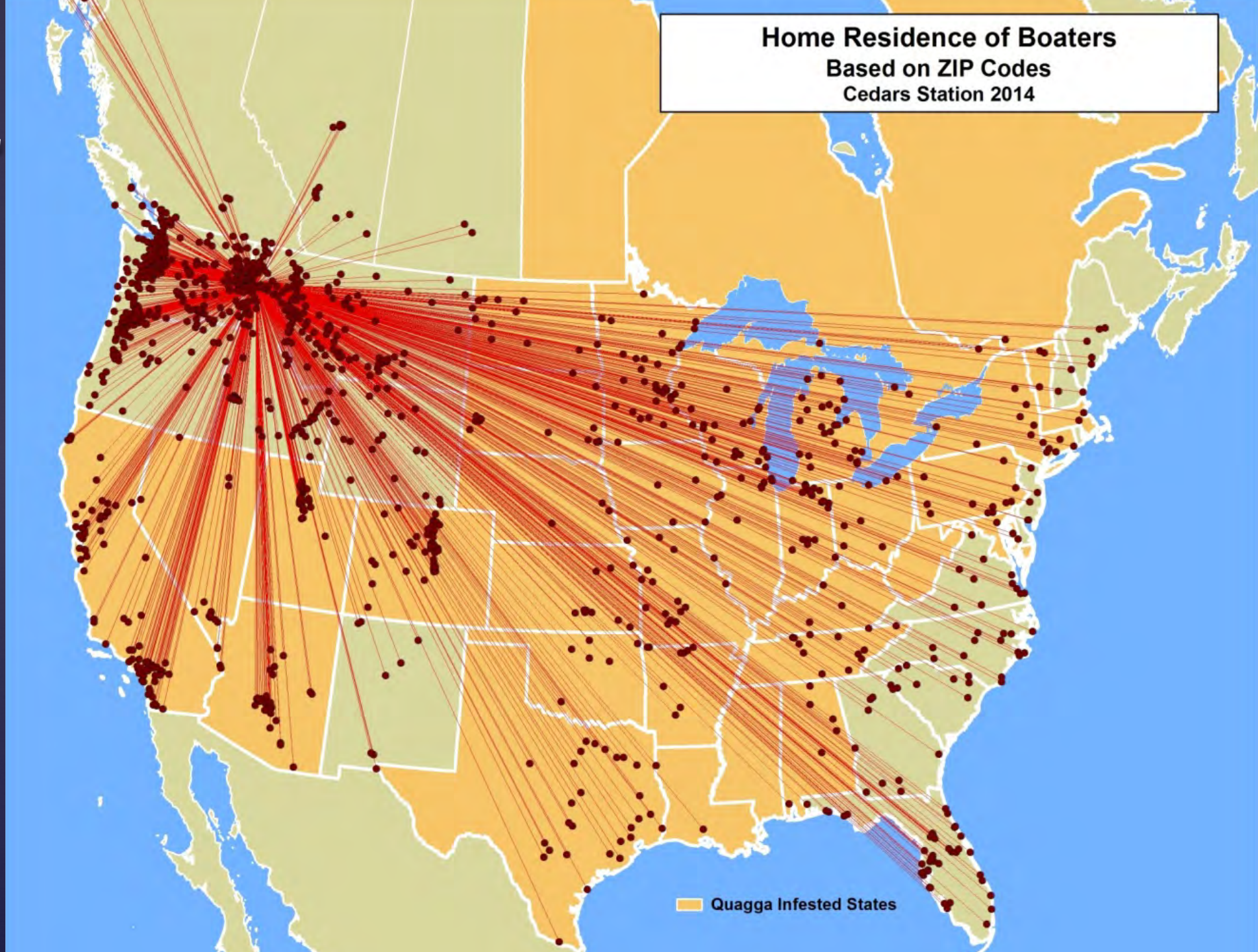
# Building Consensus in the West

Joanne Grady, U.S. FWS



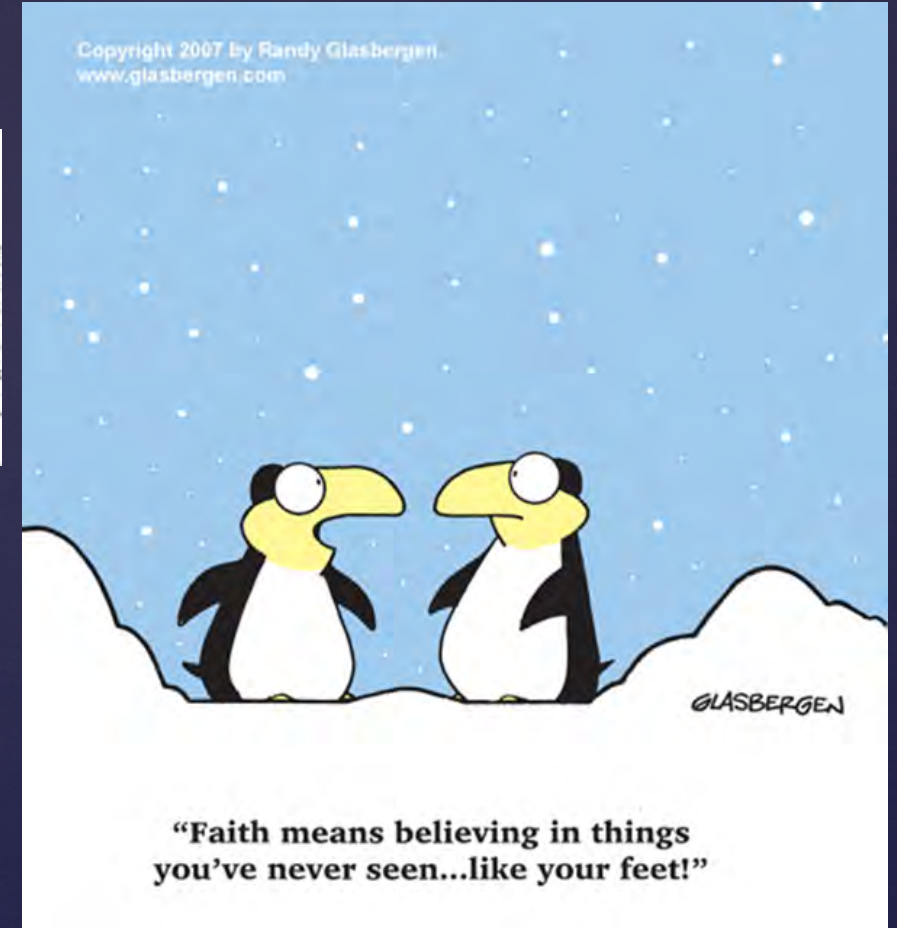
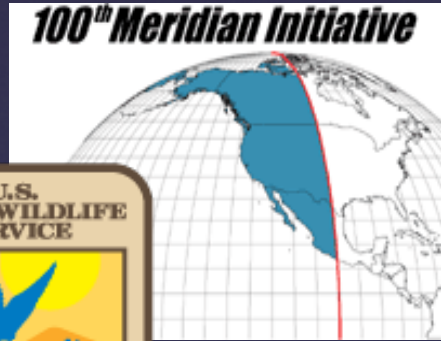
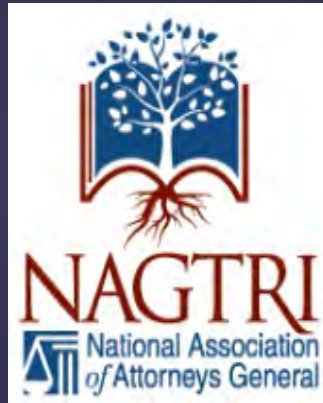
# THE GOAL

- *Address the pathway.*
- *Prevent spread of mussels while keeping boaters boating.*





# PARTNERSHIP



# Phoenix 2012

- Co-learning Workshop!
- AIS Coordinators, Assistant Attorney Generals, Law Enforcement Supervisors, Natural Resource Agency attorneys
- Establish legal and regulatory approaches and opportunities for AIS abatement and reform
- 26 Point Action Plan to minimize spread of invasive mussels through watercraft movements



**A GOAL  
WITHOUT A PLAN  
IS JUST A WISH**

ANTOINE DE SAINT EXUPERY

# Building Consensus in the West - RECIPROCAL ACCEPTANCE OF BOATS FROM LOW RISK WATERS

**MOU Development**

At least let's use the same language & standards

**Model Regulations**

**Protocols and Standards**

**Model Law**



# Process – What is Building Consensus?

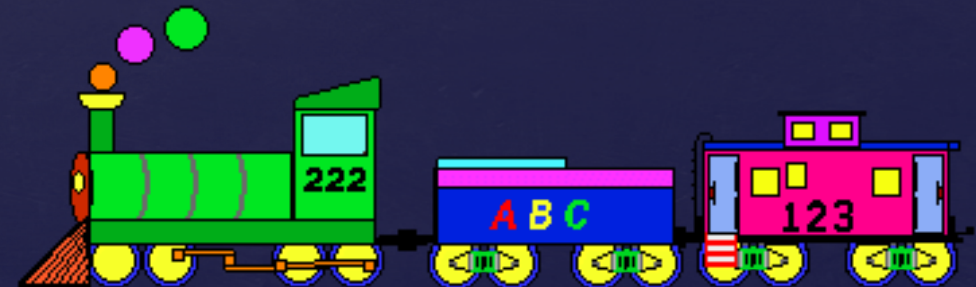
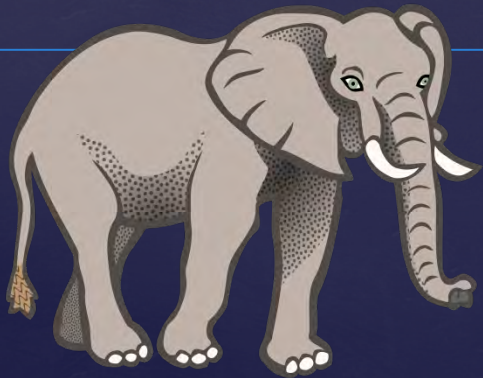
Denver and Albuquerque meetings – BC Planning Team

- AIS Coordinators sequestered with facilitators for two day meetings.
- Denver I – Aug 2013
- Denver II – Feb 2014
- Denver III – April 2016
- Albuquerque – April 2017
- Next Meeting?

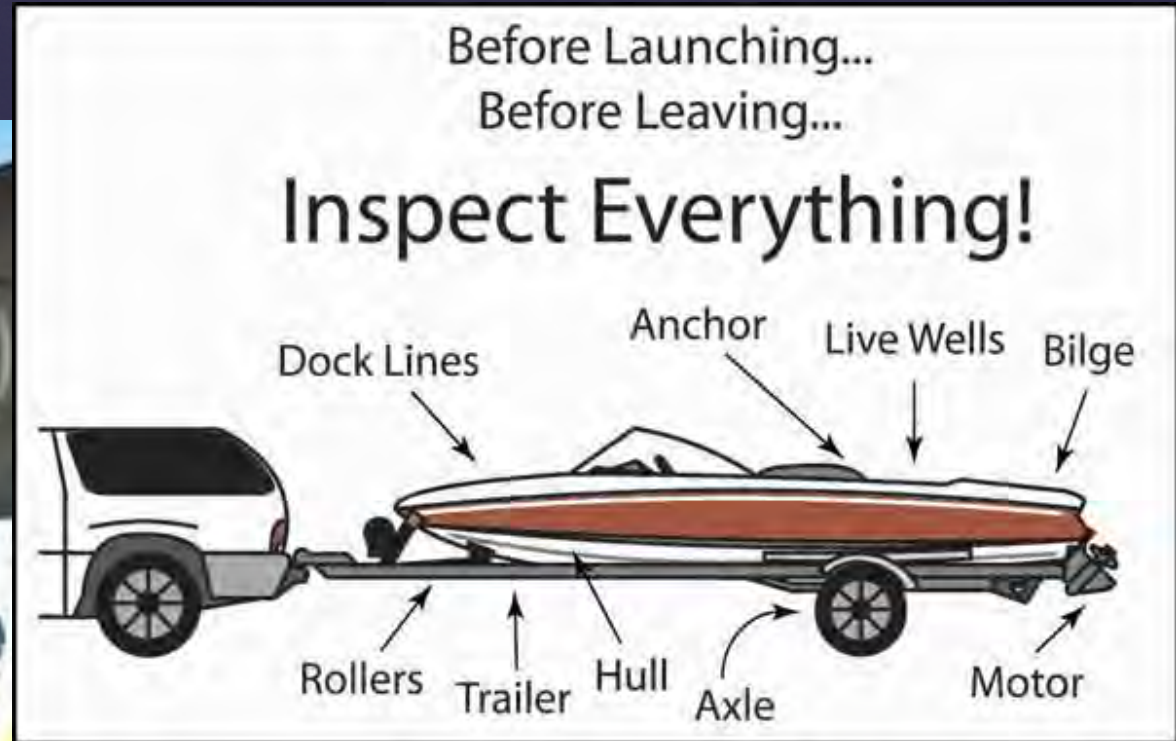
“Someone should just lock us up together until we agree to something” – Elizabeth Brown

Subcommittees or Related Groups

- WID Protocols
- WID Training Manuals
- Waterbody Sampling
- Lab Standards
- Legal Team
- Data Sharing
- Inreach/Outreach
- Boat Industry Partnership
- WISCE
- Marine Owners Engagement (new)



# Watercraft inspection & decontamination definitions, protocols, and standards



# “The Magic Website”

<http://www.westernais.org/building-consensus>

http://www.westernais.org/

Pacific States Marine Fisher...

Home Coordination Education/Outreach News Pathways Rapid Response Regulations Training

## Aquatic Invasive Species Network

A national collaboration to prevent the introduction and spread of aquatic inv...

**BREAKING!** Aquatic Invasive Species

http://www.westernais.org/



# Waterbody Sampling

- Monitoring – both plankton tows and settlement traps or substrate samplers.
- Definitions for what constitutes early ‘detection’ and the minimum required to validate the detection
- Agreed to concentrate sampling based on risk assessment.
- Field sampling committee (Karen Vargas, chair) - evaluate current methods, develop BMPs on minimums for confident classifications – spawned new shoreline sampling committee
- Lab standards committee (Steve Wells, chair)– evaluate current lab standards; develop BMPS for lab processes.

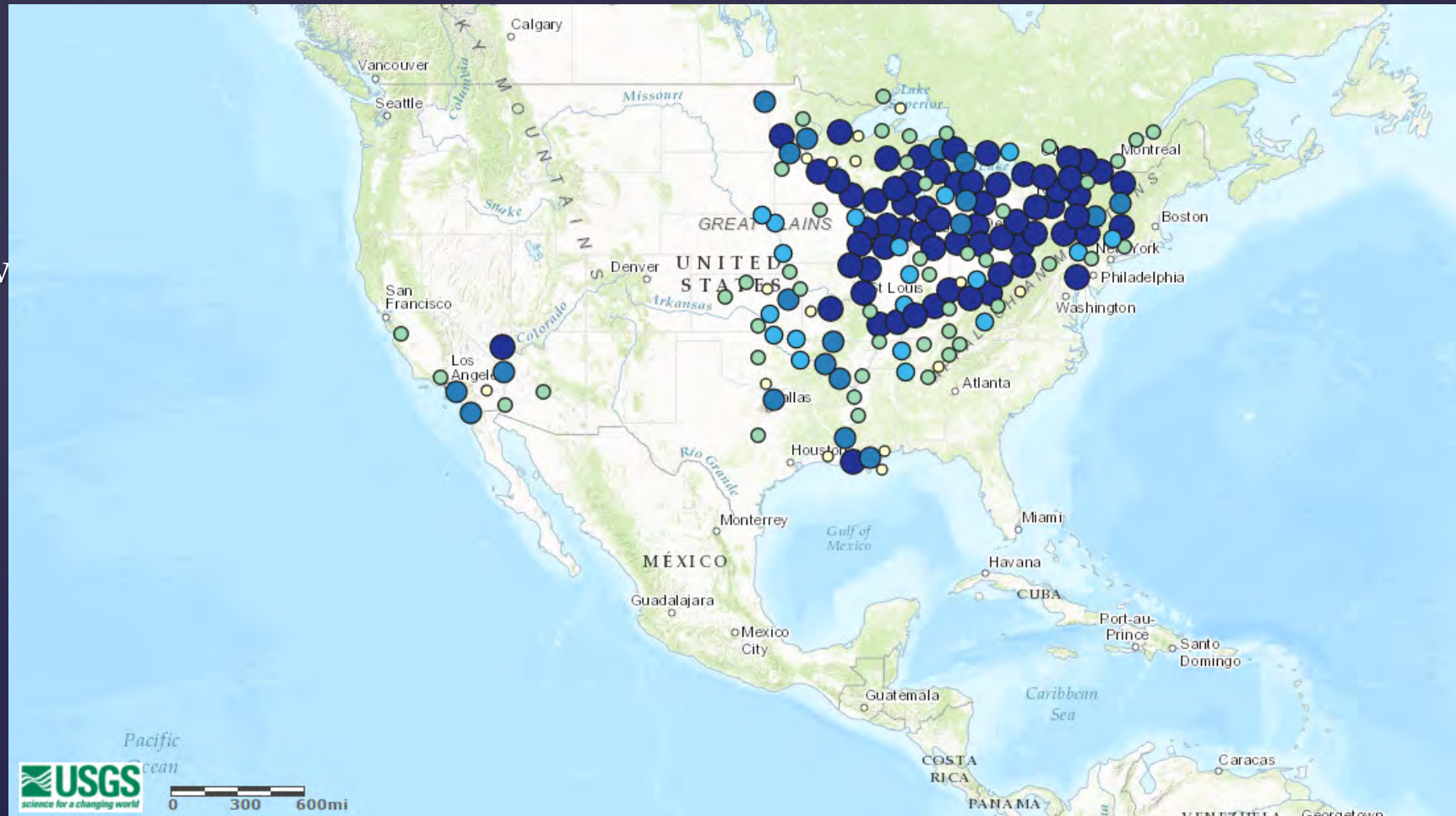


# Waterbody Classification

- Waterbody definitions –based on results of detection sampling
  - ∅ **Status Unknown** – Waters that have not been monitored.
  - ∅ **Undetected/Negative** - sampling/testing is ongoing and nothing has been detected, or nothing has been detected within the time frames for de-listing.
  - ∅ **Inconclusive** (temporary status) - Water body has not met the minimum criteria for detection.
  - ∅ **Suspect** – Water body that has met the minimum criteria for detection.
  - ∅ **Positive** – Multiple (2 or more) subsequent sampling events that meet the minimum criteria for detection.
  - ∅ **Infested** – A water body that has an established (recruiting or reproducing) population of AIS.

# Waterbody Delisting

- De-listing a Waterbody
  - Schedule of subsequent negative samples can allow agency to de-list a water.
  - Suspect – 3 years of negative testing to get to undetected/negative.
  - Positive – 5 years of negative testing to get to undetected/negative



Sightings of zebra and quagga mussels in the United States and Canada where dreissenids are established. The number of observations at a sight is reflected in the size and color heat of the cluster. Map created Feb. 2, 2017 using [nas.er.usgs.gov](http://nas.er.usgs.gov).



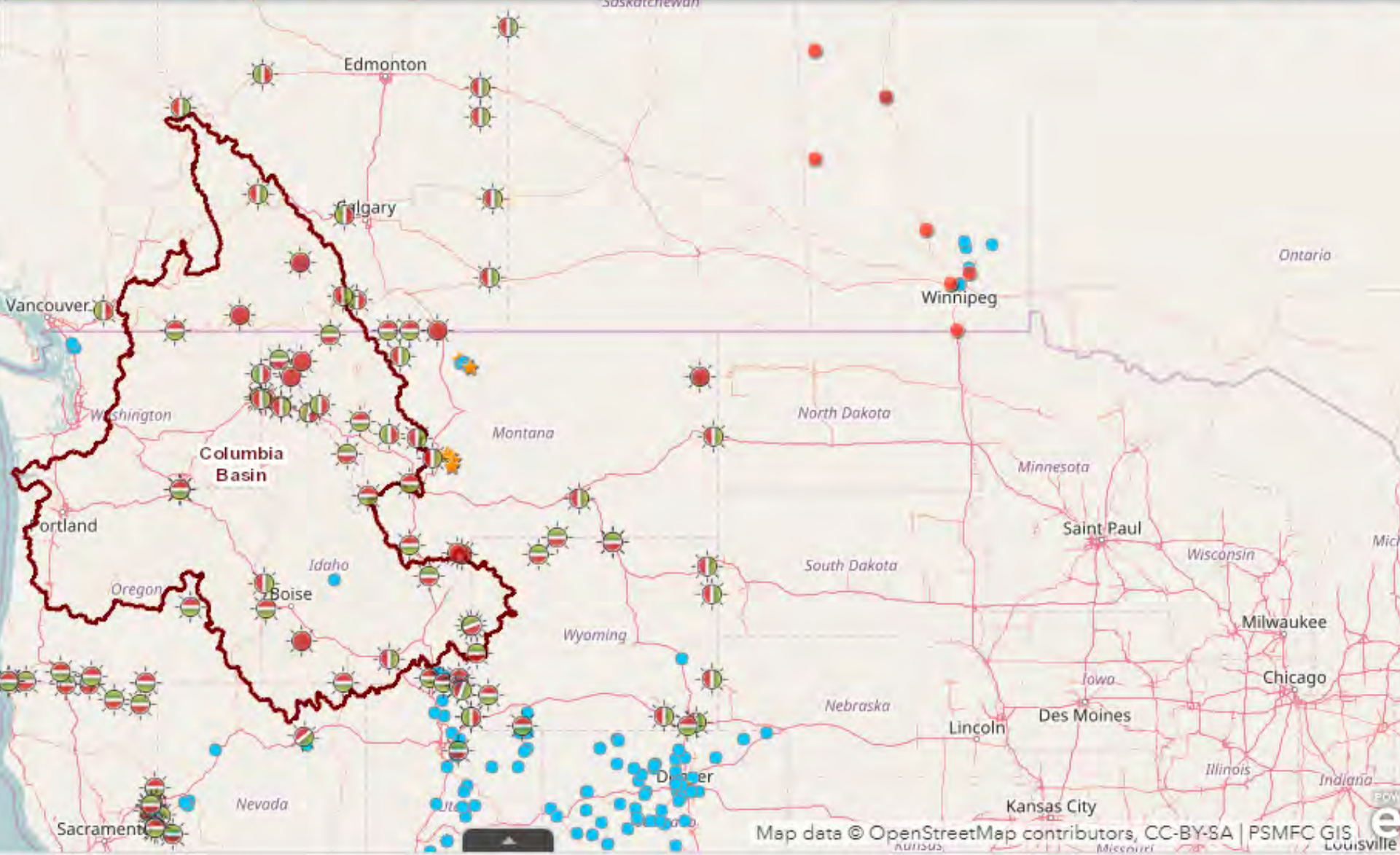
# 2017 Regional Watercraft Inspection Station Viewer

(public version)

Aquatic Invasive Species Program



Esri World Geocoder



200mi  
-109.992 47.207 Degrees

# Regional WID Data Sharing

- Boat inspection data system used by AZ, CO, NM, NV, UT, and Lake Tahoe. Goal is to have all States, Provinces, NPS and other entities performing WID participate.
- Highest priority – Providing timely electronic watercraft movement from infested waters to negative locations.
- Secondary priority – Overall improved WID operations, reporting, management and customer service through rapid, standardized data collection and risk assessment.





# Consensus on Seals

- The seal tells the next inspector that the watercraft has not launched since it left the inspection station, and the receipt provides information about the previous launch.
- All boats inspected or decontaminated that are destined for a different state should be sealed and given a receipt.
- Color of seal is irrelevant at the westwide level

# Dry Time

- **Heavily encrusted** (groupings of species – three dimensional), **large, complex boats from infested waters** require full hot-water decontamination, per UMPS, followed by a minimum 30-day dry time period.
  - Can we agree that we want to require dry time after decontamination of a boat from an infested water body that has attached mussels? **YES (conditional upon clarification of key terms, e.g., attached, simple versus complex boats)**
  - What is the consistent dry time across North America? Is it a minimum of 30 days? **YES (conditional upon clarification of key terms)**
  - What informs the 30-day/ or whatever number you choose? **Two veliger survivability studies that demonstrate they can survive in standing water (27 days – Wong). McMahon et al. study**

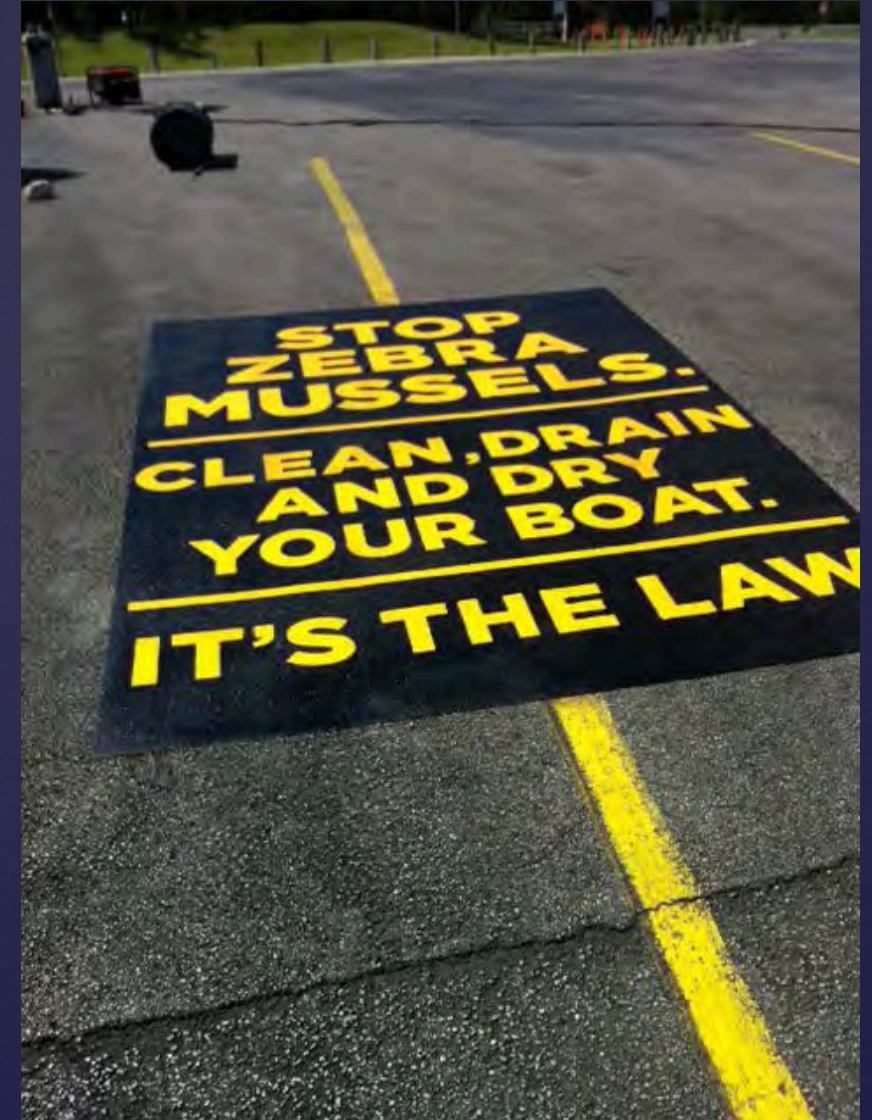
# In/Out Reach

## Ongoing

- PSMFC webinar series
- Boat industry partnership
- WAFWA/WRP dialogue
- NISAW
- Webpages

## Future Need

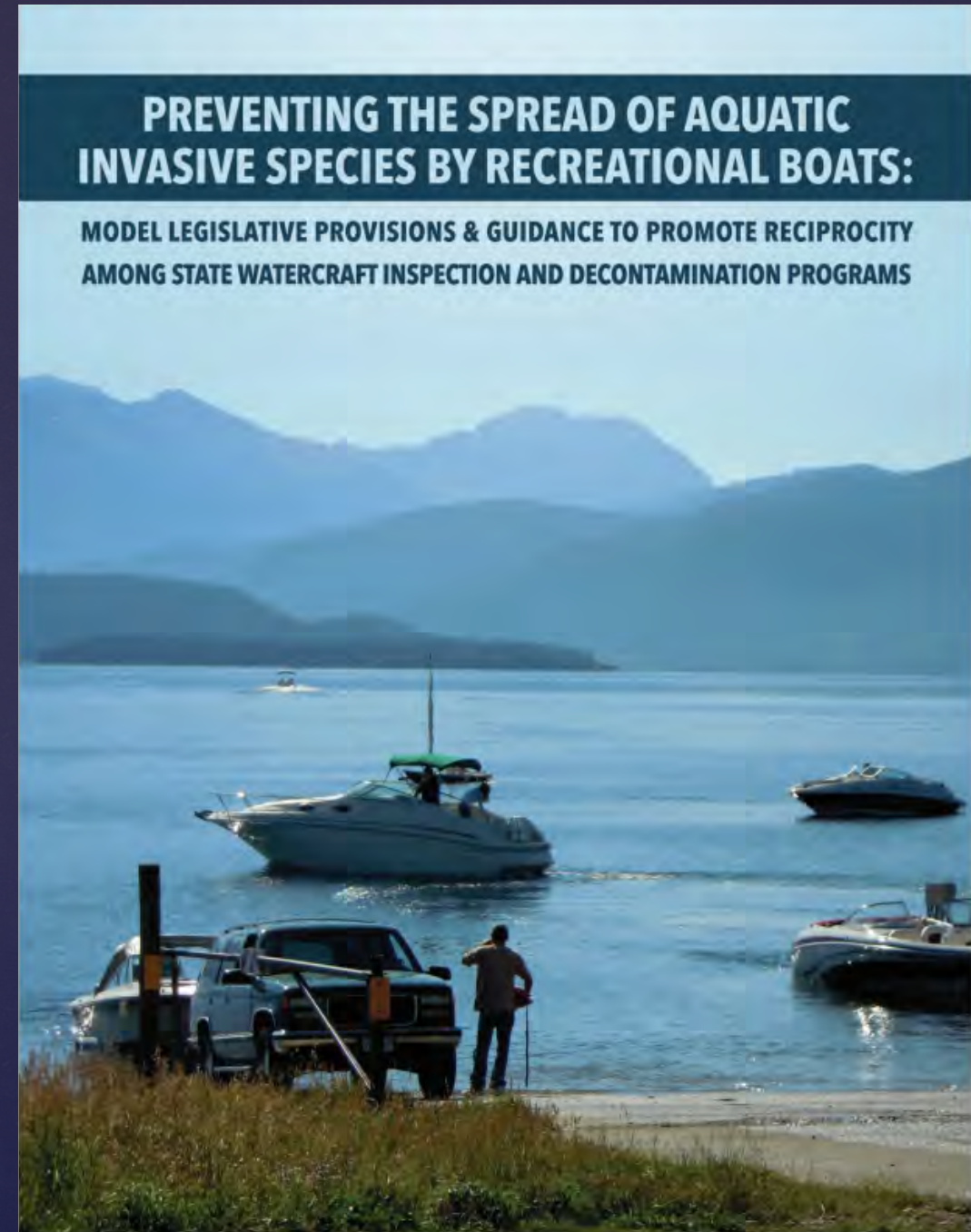
- Specific targets of AFWA/NABLA/Fish Coordinators/expand to other regional groups/National Association of State Legislatures/State IS Councils/any regional IS groups/PNWER/WGA
- Need to develop attractive, consistent, and standardized outreach pieces





# MODEL LEGISLATIVE PROVISIONS

- **Chaired by National Sea Grant Law Center & AFWA Invasives Committee**
- **Developed by committee of Western Assistant Attorney Generals and Law Enforcement Supervisors**
- **Needed common language & definitions!**
- **“Stronger and more consistent state regulations lead to reciprocity capability and increase Lacey Act Title 16 support”  
Priya Nanjappa, AFWA**

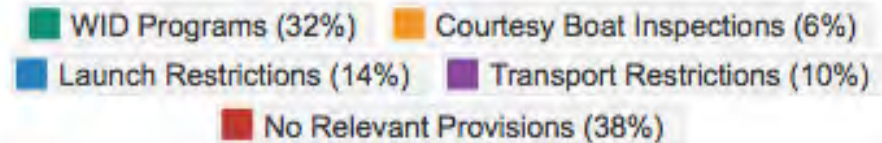
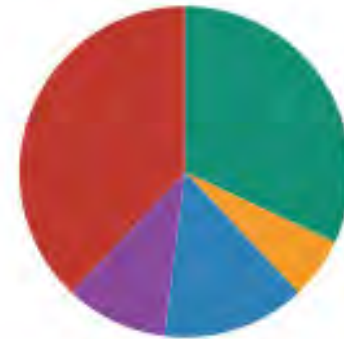


# Quick Facts

Prepared by the National Sea Grant Law Center (October 2014)



62% of states have legal provisions addressing the trailered recreational watercraft vector.



# Model Regulations

- Team - NSGLC, AFWA, AAGs , AIS
- Approved by AFWA
- Still written at a high level to avoid mandating to states
- Focused on invasive mussels & boat pathway

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## MODEL REGULATION *for* STATE WATERCRAFT INSPECTION *and* DECONTAMINATION PROGRAMS

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# Phase III: Model MOU

- ⌘ As western states align their laws and regulations, collaborations across state lines will become more feasible. Draft Model Memorandum of Understanding grounded in Model Legislative Provisions, Model Regulations & Consensus-driven protocols & standards
- ⌘ Update national comparison document

# Phase IV: Workshops for Agencies & AAGs

- ⌘ National training opportunity for State Attorney Generals offices (DC?)
- ⌘ Regional WID workshop

# Increased Coordination & Communication

- WAFWA reinvigorated AIS Committee
- WRP-BC presentation July 2016
- WAFWA Resolution – Encourage Drain Plug & Plant Laws
  - Six states require Clean, Drain, Dry
  - Seven states require drain plug removal
  - Five states prohibit overland transport of aquatic vegetation
- Fish Chiefs attended 2016 WRP!
- AIS reps invited WAFWA July 2017





# The Big Picture

- Multistate, regional collaboration
- Preserves or enhances state authority
- Model guidance can be applied to any I/S
- Provides a framework for other regional resource management issues



## Boat Design & Construction in Consideration of Aquatic Invasive Species

January 27-28, 2015 - Las Vegas



# Boat Industry Partnership: Boat Design and Construction in the Consideration of AIS.



## Aquatic Invasive Species Meeting

Sponsored By



## NOTICE

## TRAILER CHECKLIST

Before towing this vehicle be sure to read and familiarize yourself with the instructions and warnings supplied with it.  
**NEVER TOW THIS VEHICLE BEFORE YOU CHECK TO BE SURE:**

- ✓ Coupler, hitch and hitch ball are of the same size
- ✓ Coupler and safety chains are safely secured to hitch of tow vehicle
- ✓ All fasteners are properly tightened
- ✓ Boat is securely tied down to trailer (winch line is not a tie down)
- ✓ Wheel lug nuts are properly tightened
- ✓ Wheel bearings are properly adjusted and maintained
- ✓ Load is within maximum load carrying capacity
- ✓ Tires are properly inflated
- ✓ All trailer lighting is working properly
- ✓ Trailer brakes are properly adjusted and working (if trailer is so equipped)
- ✓ Clean, drain and dry the boat and trailer, removing any attached plant material or debris

This trailer is equipped to meet applicable federal safety standards. Check local and state requirements regarding brakes and any additional equipment that may be required.

**NMMA**  
NT401-16



# ABYC & IBEX

- Representatives:
  - Elizabeth Brown, CO
  - Adam Doll, MN
  - Glenn Dolphin, OR
  - Gene Seagle, NPS
  - Dennis Zabaglo, Tahoe
- Booth at 2015 & 2016 IBEX
- ABYC-TIR Meeting in Denver this week
- Future Need: Outreach & information more targeted to industry – 2018 IBEX



# Teamwork continued

- Outreach & Inreach – moving to decision makers!
  - [Buildingconsensusinthewest.org](http://Buildingconsensusinthewest.org)
- Database/sharing
- Phase III: Model “Cooperative Agreement”
- Waterbody Monitoring
- Connecting to Department of Interior & Western Governors Association efforts



**TEAMWORK**  
coming together is a beginning  
keeping together is progress  
working together is success  
- Henry Ford