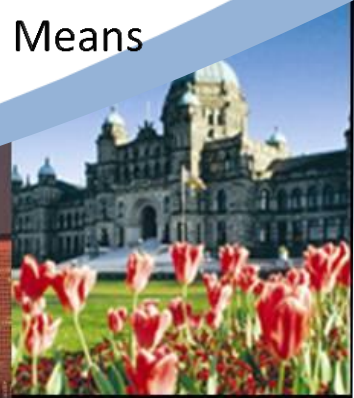


Pacific NorthWest Economic Region Invasive Species Working Group

- The Invasive Species Working Group addresses the regional economic and environmental impact of invasive species and promotes regional collaboration and sharing of best practices.
- The Group is focused on creating and sharing preventative measures that policy makers can adopt to prevent the spread of invasive species.
- Because the threats posed by invasive species are regional, they must be met through a regional response.
- PNWER Invasive Species Working Group Co-Chairs:
 - Dr. Mark Sytsma, Professor of Environmental Sciences and Associate Vice-president for Research at Portland State University
 - Rep. Eric Anderson, Idaho Chairman of the Idaho House Ways and Means Committee
 - Megan Levy, PNWER



The Quagga and Zebra Mussels

- The Quagga and Zebra mussels are native to Europe but have been spreading through North America since the 80's.
- Without their natural predators found in their original habitat the populations have exploded and are now causing environmental and economic problems in the United States



- Mussels can produce up to 1 million eggs per year.
- They destroy motors, clog dam openings, and compromise the environment.
- In Southern California, the Metropolitan Water District is expected to spend \$8-10 million per year removing mussel infestations and repairing damaged infrastructure.



PNWER is the last
uninfested region
in North America

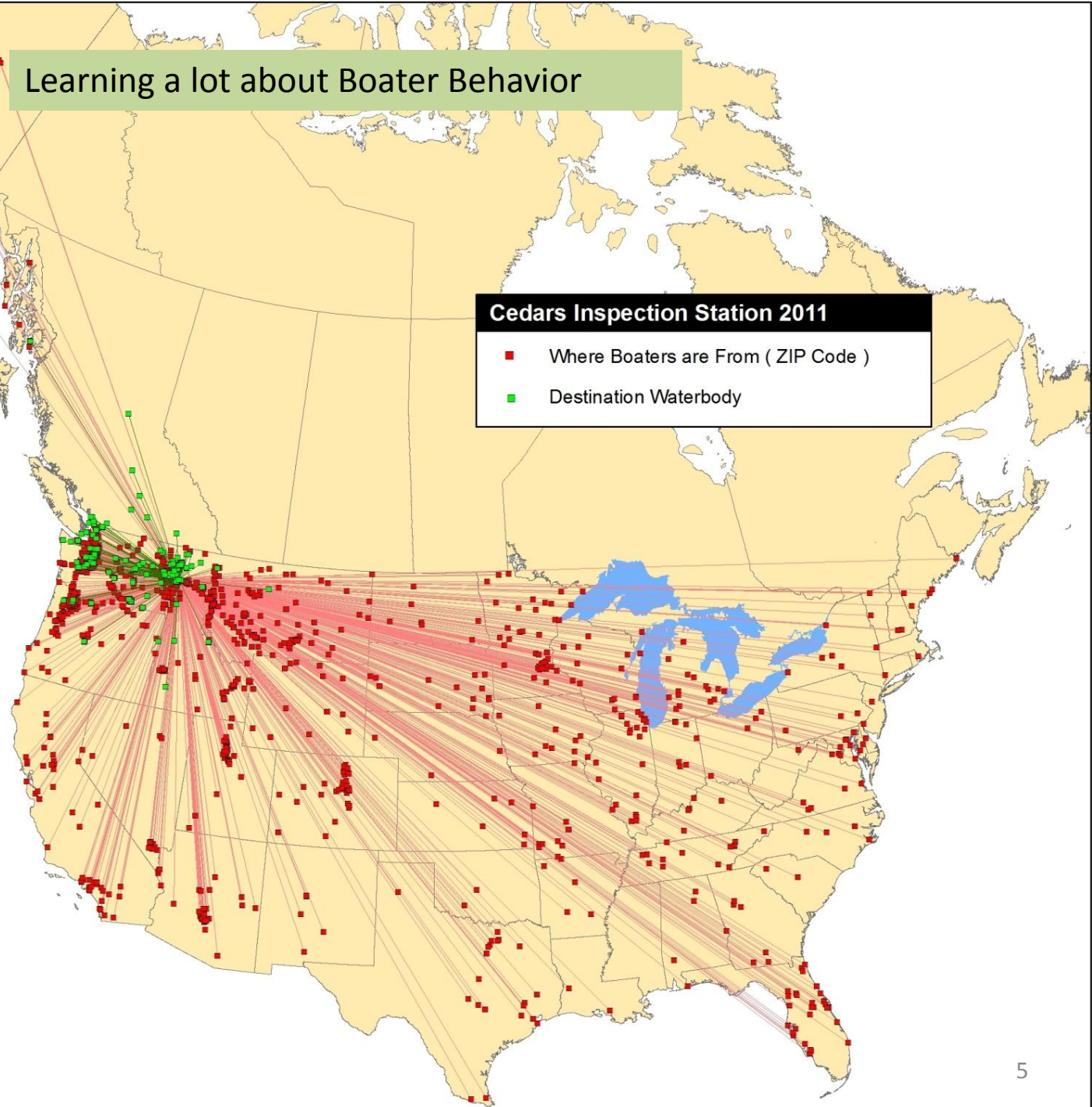


Learning a lot about Boater Behavior

Cedars Inspection Station 2011

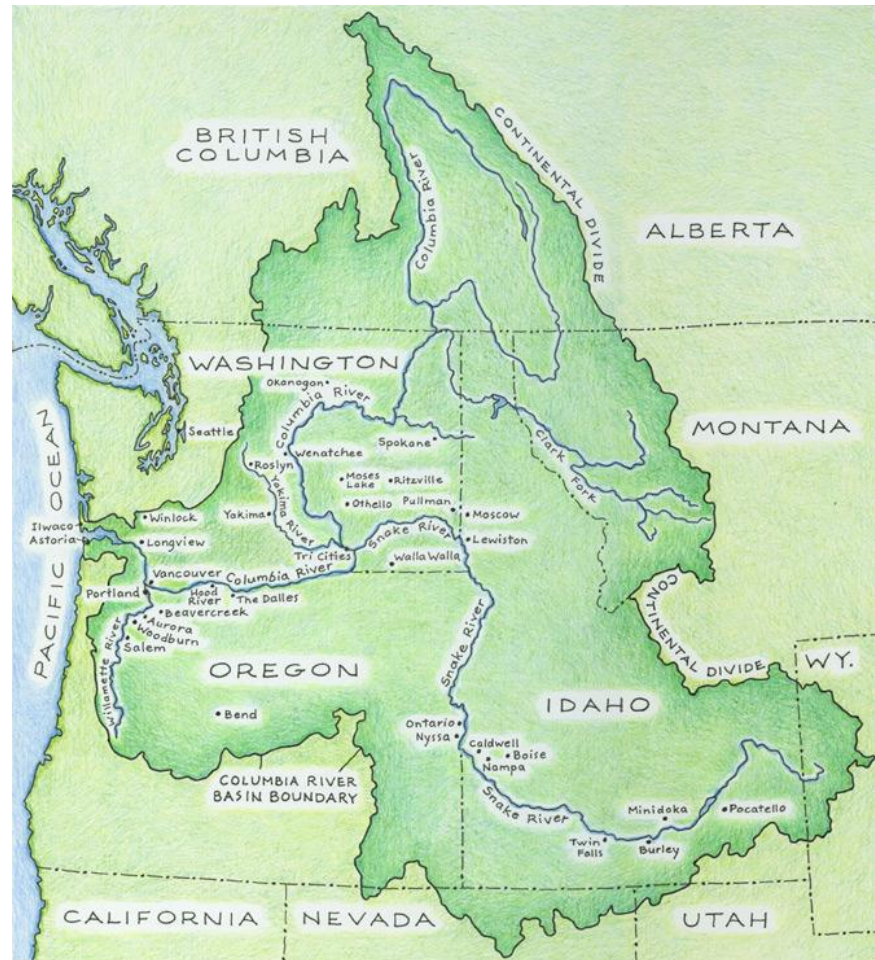
- Where Boaters are From (ZIP Code)
- Destination Waterbody

Threat of mussel infestation continues as boaters travel to the Pacific Northwest from across the country.



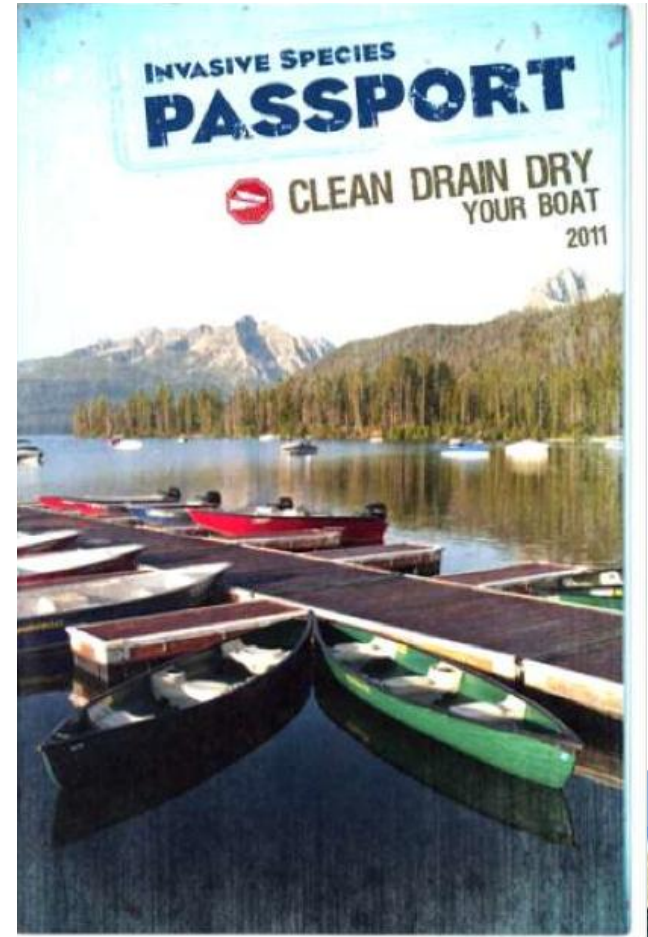
Regional Impact

- Installation of typical zebra mussel control measures at federal hydropower facilities in the Columbia River Basin are estimated to be \$23 million.
- Before chemical control is implemented an environmental impact study is necessary.
- There will be additional costs to protect drinking water systems, fish and tourism, and other industries



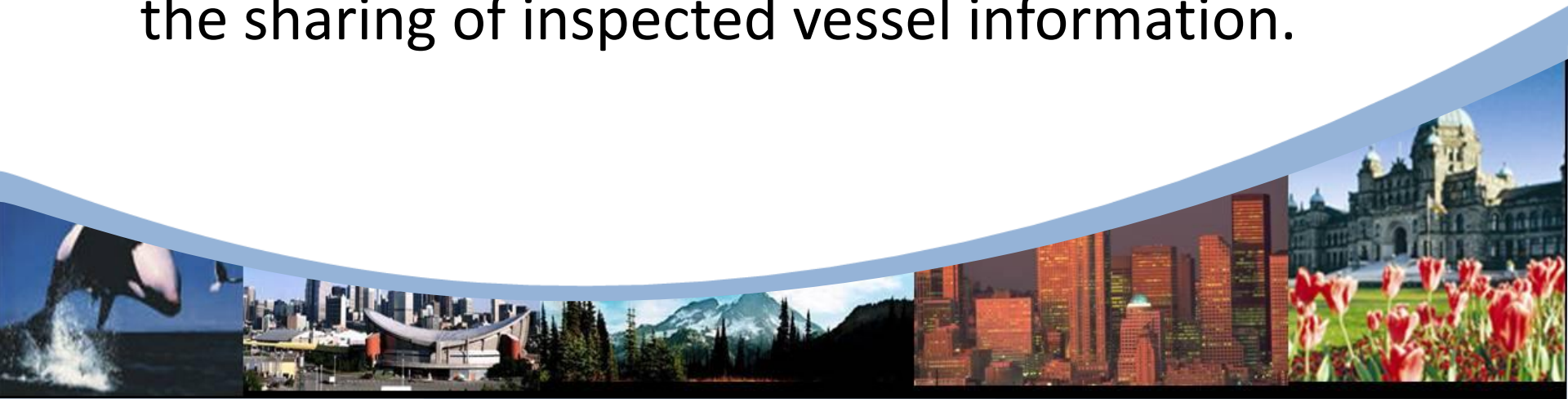
Preventative Measures

- Checkpoints in Idaho have stopped 93 contaminated vessels.
- Idaho has created the Invasive Species passport to expedite watercraft inspection.
- Need for regional preventative policies.
- Estimated costs of zebra mussel control in Great Lakes States is \$40.5 million.
- Prevention is the most cost effective strategy.



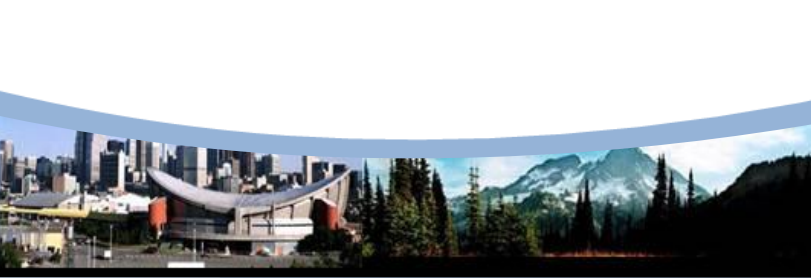
Policy Action

- Expand the July 2011 multi-state agency staff MOU to include pilot use of regional passport based on the Idaho Model.
- Develop a real-time data tracking system and share data throughout the region to track vessels coming into the region with inspection results.
- Legislation providing additional funding for inspection and cleaning stations and possibly of a regional organization responsible for facilitating the sharing of inspected vessel information.



2013 PNWER Annual Summit

- Join more than 600 legislators and business and government leaders for the **2013 PNWER Annual Summit from July 14-18 in Anchorage, Alaska.**
- The summit will serve as a platform for policy makers to address issues affecting the region and discuss solutions.
- Experience Anchorage through policy tours, evening receptions, and nature excursions.
- Please mark your calendars for **July 14-18 2013** for the Annual Summit!



Questions?

- **For More Information on PNWER's Invasive Species Program, and reports referenced in this presentation, go to:**

www.pnwer.org

