Coordinating State-Wide Invasive Species Management

Protecting Oregon From Invasive Species
“Successful resistance to invasive species is dependent on a comprehensive and collaborative approach”
Responsibilities set in ORS 570.755 include:

• Maintain an invasive species reporting hotline
• Educate the public about invasive species
• Develop a statewide plan for invasive species management
• Provide a grant program for education and eradication projects
The OISC was created in 2001 as “a leader for the conducting of a coordinated and comprehensive effort” to prevent the introduction and spread of invasive species.

**Ex Officio Members (permanent seats)**
- Rick Boatner, ODFW
- Sam Chan, OR Sea Grant / OSU
- Glenn Dolphin, OSMB
- Rian Hooff, DEQ
- Helmuth Rogg, ODA
- Mark Sytsma, PSU
- Wyatt Williams, ODF

**Appointed Members (2-year terms)**
- Quintin Bauer, SOLVE
- Emily Bosanquet, PNCA
- Nicole Brooks, Customs and Border Protection
- Kristopher Crowley, Burns Paiute Tribe
- Michelle Delepine, WMSWCD
- Kathy Leopold, OWEB
- Dave Pranger, Morrow County
- Meg Raabe, USDA APHIS-PPQ
- Karen Ripley, USFS
- Jim Seeley, WRCA

*The Council is coordinated under contract by Samara Group LLC*
OREGON INVASIVE SPECIES COUNCIL

Since creation, the OISC has coordinated a variety of efforts:

- Reporting Tools
- Public Outreach Campaigns
- Meetings, Events & Statewide Planning
OISC FUNDING 2007-Current

Operations & Projects

Emergency Fund
$350,000 Appropriated in 2009
Invasive species can cause widespread economic and environmental devastation.

Oregon need’s to invest more in prevention to avoid having to fund containment and long-term management.
2016 / 2017 HIGHLIGHTS

- The OISC Invasives Hotline gathered over 2,000 reports of suspected invasive plants and insects as of October 2017
- Created new outreach materials: OISC outreach brochure, tabling materials and website
- Supported the expansion of the Don’t Pack a Pest campaign
- Facilitated the 2016 OISC Summit
- Engaged in person with more than 300 people from across the state about invasive species issues, including 7 Council meetings
- Developed and published the Oregon Statewide Strategic Plan for Invasive Species and Action Plan
2018 HIGHLIGHTS

- Launched Successful Social Media Campaign during National Invasive Species Awareness Week (NISAW)
- Hosted 2-day Winter 2018 Council meeting in Salem, OR
- Presented at multiple venues including Tree School 2018, CONNECT 2018, State of the State: Forest Health in OR, Government to Government: Natural Resources Working Group Meeting
- Co-organized (w/ WISC) a special session on invasive species at the OR/WA Chapters of the Wildlife Society, Partners for Reptile and Amphibian Conservation, Society for Northwest Vertebrate Biology Meeting
Strategic Plan

- Product of input and engagement of colleagues across the state
- Organized around key invasive species management objectives
- Guides a comprehensive approach to invasive species management over the next ten years

Action Plan

- Working document
- Guides the implementation of the statewide strategic plan by Oregon agencies and other entities involved in invasive species control
- Will be comprehensively updated every two years to keep actions relevant.
STRATEGIC OBJECTIVES 2017 - 2027

I. Prevention
II. Early Detection & Rapid Response
III. Control & Management
IV. Education & Outreach
V. Coordination & Leadership

Strategy → Action
Invasive Species are an enormous threat to Oregon’s Natural Resources.
AQUATIC INVASIVE SPECIES OF CONCERN

Asian Carp

Aquatic weeds

New Zealand mudsnails

Red-eared slider

Marine Tunicate

Zebra + Quagga mussels

Asian kelp
INVASIVE SPECIES THREATS

Zebra & Quagga Mussels
"EAB is now considered the most destructive forest pest ever seen in North America. The scope of this problem will reach the billions of dollars nationwide if not dealt with."

(Emerald Ash Borer Information Network, 2017)
## Invasive Species Threats

### Environmental Impact Potential: LOW

Many Japanese beetle hosts occur in Oregon’s natural environment. Himalayan blackberry, a known favorite host plant, is abundant. Potential impacts to native species such as bigleaf maple, salmonberry, and native grasses are difficult to predict, but could be significant.

### Economic Impact Potential: HIGH

Oregon has a number of susceptible hosts that are of economic significance (see Table):

<table>
<thead>
<tr>
<th>Oregon Crop/Commodity</th>
<th>Bearing or Harvested Acreage</th>
<th>Production Value</th>
<th>Estimated Crop Damage Costs</th>
<th>Estimated Quarantine Costs</th>
<th>Total Economic Impact</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nurseries (B &amp; B, Container, Greenhouse)</td>
<td>61,099&lt;sup&gt;5&lt;/sup&gt;</td>
<td>805,000,000&lt;sup&gt;5&lt;/sup&gt;</td>
<td>12,880,000</td>
<td>3,477,600&lt;sup&gt;7&lt;/sup&gt;</td>
<td>16,357,600</td>
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<tr>
<td>Grapes</td>
<td>19,000</td>
<td>118,320,000</td>
<td>1,893,120</td>
<td>151,450&lt;sup&gt;6&lt;/sup&gt;</td>
<td>2,044,570</td>
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<tr>
<td>Hops</td>
<td>5,410</td>
<td>35,679,000</td>
<td>570,864</td>
<td>45,669&lt;sup&gt;6&lt;/sup&gt;</td>
<td>616,533</td>
</tr>
<tr>
<td>Cannabis</td>
<td>?</td>
<td>361,000,000&lt;sup&gt;6&lt;/sup&gt;</td>
<td>5,776,000</td>
<td>Not Applicable</td>
<td>5,776,000</td>
</tr>
<tr>
<td>Caneberrries</td>
<td>9,000</td>
<td>70,789,000</td>
<td>1,132,624</td>
<td>90,610&lt;sup&gt;6&lt;/sup&gt;</td>
<td>1,223,234</td>
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<tr>
<td>Blueberries</td>
<td>9,000</td>
<td>102,325,000</td>
<td>1,637,200</td>
<td>130,976&lt;sup&gt;6&lt;/sup&gt;</td>
<td>1,768,176</td>
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<tr>
<td>Pears (all varieties)</td>
<td>14,400</td>
<td>127,392,000</td>
<td>2,038,272</td>
<td>163,062&lt;sup&gt;6&lt;/sup&gt;</td>
<td>2,201,334</td>
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<tr>
<td>Sweet cherries</td>
<td>12,500</td>
<td>82,709,000</td>
<td>1,323,344</td>
<td>105,867&lt;sup&gt;6&lt;/sup&gt;</td>
<td>1,429,211</td>
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<tr>
<td>Apples</td>
<td>5,100</td>
<td>43,269,000</td>
<td>692,304</td>
<td>55,384&lt;sup&gt;6&lt;/sup&gt;</td>
<td>747,688</td>
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<tr>
<td>Snap beans/process</td>
<td>8,500</td>
<td>13,940,000</td>
<td>223,040</td>
<td>17,843&lt;sup&gt;6&lt;/sup&gt;</td>
<td>240,883</td>
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<tr>
<td>Grasses (turf)</td>
<td>418,550</td>
<td>449,018,000</td>
<td>7,184,288</td>
<td>574,743&lt;sup&gt;6&lt;/sup&gt;</td>
<td>7,759,031</td>
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<tr>
<td>Golf Courses</td>
<td>8,550&lt;sup&gt;6&lt;/sup&gt;</td>
<td>336,400,000&lt;sup&gt;7&lt;/sup&gt;</td>
<td>5,382,400</td>
<td>Not Applicable</td>
<td>5,382,400</td>
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<tr>
<td>Total</td>
<td>571,109</td>
<td>2,545,841,000</td>
<td>34,957,456</td>
<td>4,813,204</td>
<td>45,546,660</td>
</tr>
</tbody>
</table>

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* Oregon.gov/ODA  
Rev 2/1/2017
OISC NEXT STEPS

- Fundraising! We need to have a Coordinator to complete our Mission!
- Identify short-term funding solutions to sustain the Statewide Strategic Plan implementation
- Strengthen Communication Channels
  - GNRO, NRC, Agency Directors, Legislators, Stakeholder Organizations
- Support PNW regional priorities and partner with neighboring states
- Build our OISC advisory committee with increased recruitment
- 2019 Legislative Session
  - OISC Structure / Membership – Legislative Concept submitted
  - Council General Operations Funding Needs - POP
  - Emergency Control Account Funding?