



Coordinating State-Wide Invasive Species Management



Protecting Oregon From Invasive Species



Cross-agency collaboration to treat Asian gypsy moth in Portland, 2016

“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

2018 OREGON INVASIVE SPECIES COUNCIL

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

The Council is coordinated under contract by Samara Group LLC

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

OREGON INVASIVE SPECIES COUNCIL

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

Reporting
Tools

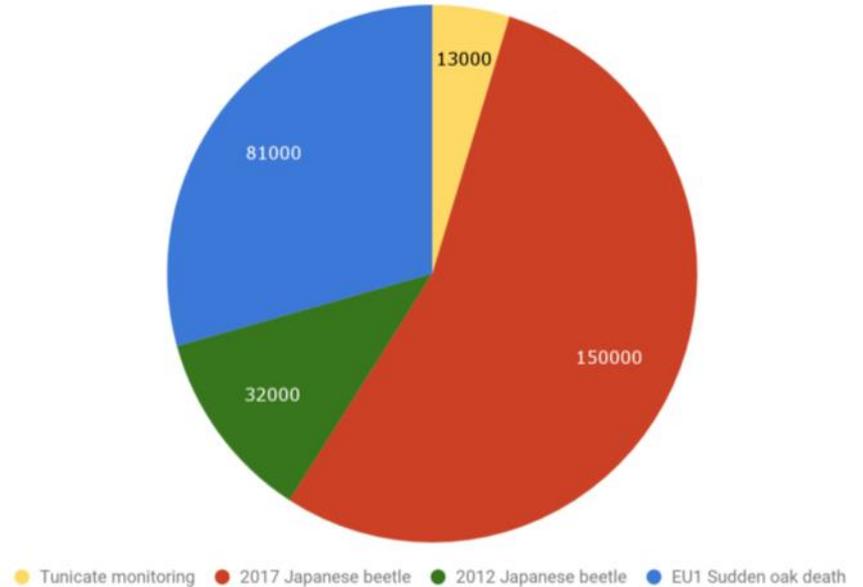
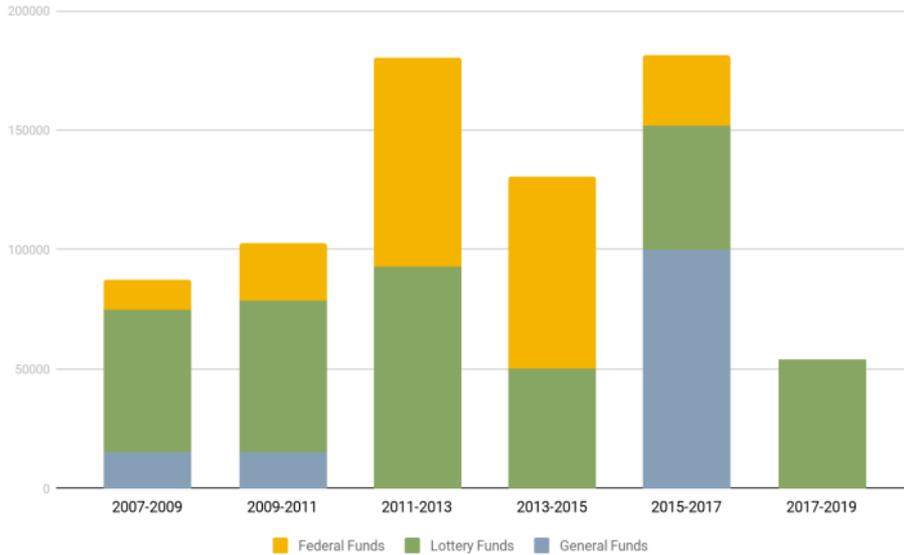


Public
Outreach
Campaigns



Meetings, Events & Statewide Planning

OISC FUNDING 2007-Current



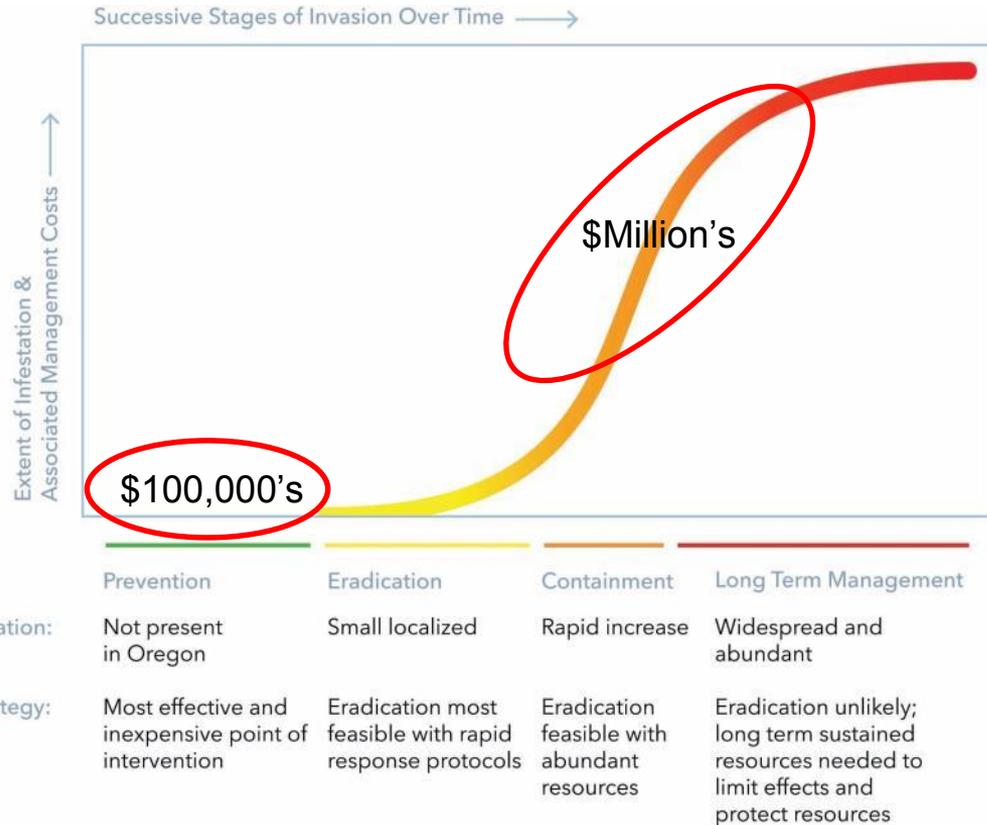
Operations & Projects

**Emergency Fund
\$350,000 Appropriated in
2009**

THE PROBLEM

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



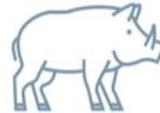
2016 / 2017 HIGHLIGHTS

- 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

Strategy* → *Action

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



Oregon's Strategic Approach to Conservation

Oregon NRCS



About the Strategic Approach

RCPP

Joint Chiefs

Water Quality/Quantity

Wildlife Habitat

Forestry

Soil Health

Air Quality

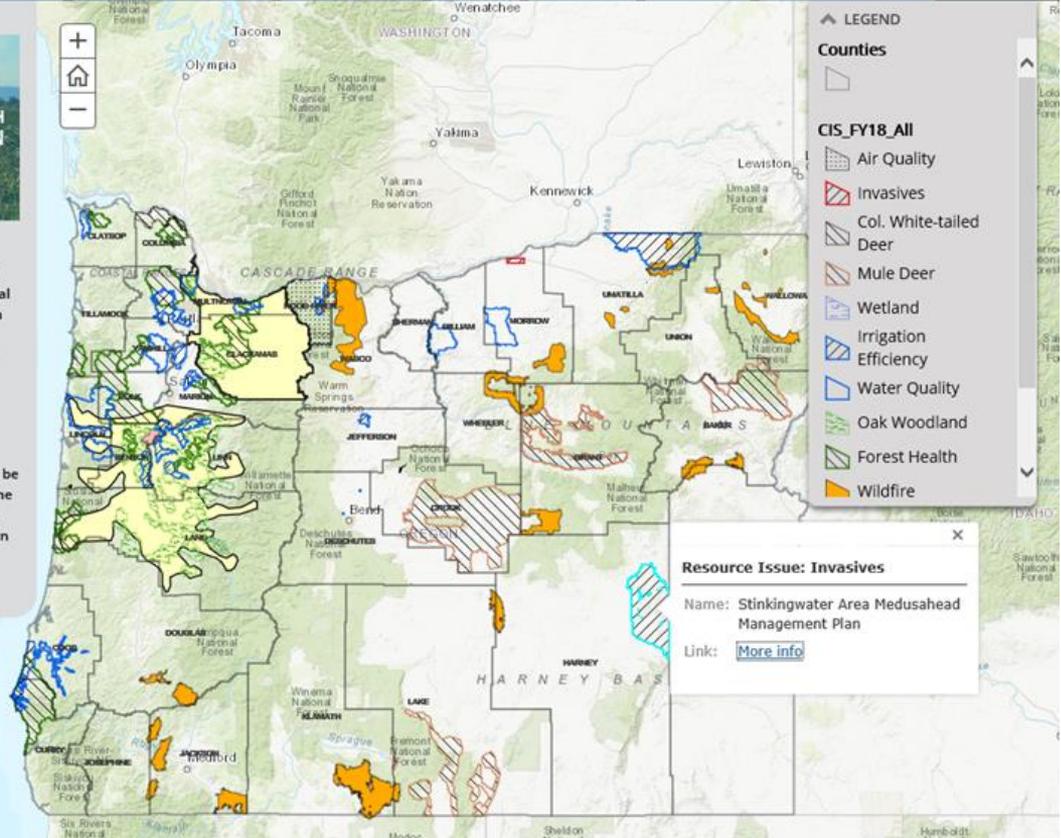
Statewide Initiatives



strategicapproach_header.jpg

This map shows current funding opportunities for Oregon farmers, ranchers and forestland owners to obtain financial assistance from the USDA Natural Resources Conservation Service (NRCS) through its Strategic Approach to Conservation. If your farm, ranch, or forestland is located within one of these project areas, you may be eligible for financial assistance to help you perform conservation activities on your land.

Even if your land is outside of one of these areas, you may be eligible for other Statewide programs such as Initiatives, the Conservation Stewardship Program (CSP), or conservation easements. Contact your local USDA Service Center to learn more.



Invasive Species are an enormous threat to Oregon's Natural Resources

AQUATIC INVASIVE SPECIES OF CONCERN



Asian Carp



New Zealand mudsnails



Zebra + Quagga mussels



Aquatic weeds

Red-eared slider



Marine Tunicate



Asian kelp

INVASIVE SPECIES THREATS



Zebra & Quagga
Mussels



INVASIVE SPECIES THREATS



“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

OREGON DEPARTMENT
OF AGRICULTURE PEST ALERT



Japanese
Beetle

A Major Pest of Specialty Crops
& Ornamental Plants



- **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):

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

Oregon.gov/ODA

Rev 2/1/2017



Oregon
Department
of Agriculture

Common host plants of Japanese beetle

- | | |
|--|---|
| Adults | • soybean (<i>Glycine max</i>) |
| • oak (<i>Quercus</i>) | • tomato (<i>Solanum lycopersicum</i>) |
| • elm (<i>Ulmus</i>) | • hops (<i>Humulus lupulus</i>) |
| • maple (<i>Acer</i>) | • blueberries, blackberries, raspberries (<i>Rubus</i> spp.) |
| • grape (<i>Vitis</i>) | |
| • peach, cherry, apricot, plum (<i>Prunus</i> spp.) | |
| • apple (<i>Malus</i>) | |
| • linden (<i>Tilia</i>) | |
| • rose (<i>Rosa</i>) | Grubs |
| • <i>Zinnia</i> spp. | • roots of turf grass |
| • <i>Dahlia</i> spp. | • roots of ornamental plants |
| • corn (<i>Zea mays</i>) | |
| • <i>Asparagus officinalis</i> | |



Japanese beetle damage by adults feeding on roses and by grubs feeding on turf (bottom right).

→ 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?



Glenn Dolphin, 2018 OISC Chair
Oregon State Marine Board
glenn.dolphin@oregon.gov

Jalene Littlejohn, OISC Coordinator:
coordinator@oregoninvasivespeciescouncil.org

www.oregoninvasivespeciescouncil.org/statewide-plans