

John Byers

ODA Program Manager:

Ag Water Quality Management Program

Soil and Water Conservation District Program

Smoke Management

Topics

- **SIA Current Status**
- **New SIA Schedule**
- **New SIA Prioritization**
- **ODA Recruitments**

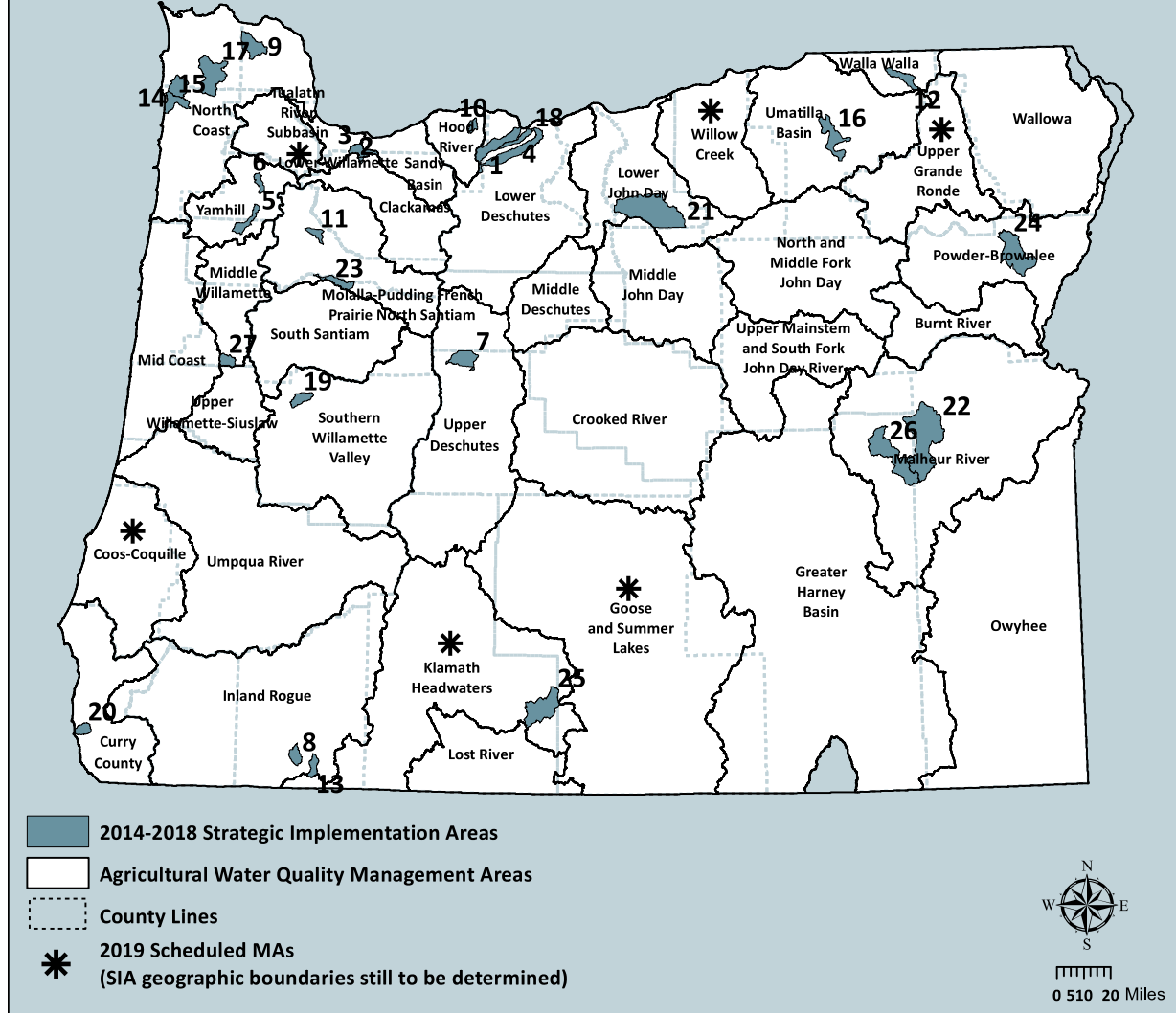
Current Status

Strategic Implement Area (SIA)

- ❖ ODA identifies local watersheds (10,000 – 40,000 acres) containing agriculture production with connection to water
- ❖ ODA remotely evaluates the possibility that Ag activity could be polluting
- ❖ ODA contacts all landowners inside the SIA
- ❖ ODA conducts an Open House
- ❖ Local SWCD works with Landowners....as they always have
- ❖ ODA/SWCD/Partners tell the story of the success of Voluntary Conservation

34 SIA's Have Been Implemented

Strategic Implementation Areas 2014 to 2019 by Agricultural Water Quality Management Areas (MA)



SIAs: 2014 - 2019

34 SIAs

84 HUCs / Watersheds

27 Counties

28 SWCDs

2014-2018

8,379 Evaluated Agricultural Tax Lots: through 2018

483,486 Evaluated Agricultural Acres through 2018

2,376 Evaluated Agricultural Stream Miles through 2018

**2018 Upper Sprague River
(Klamath County)
SIA Evaluation Results**

Total Tax Lots	788
Not Applicable Tax Lots	456
Total Agricultural Tax Lots Assessed	332

**Evaluation
(#Tax Lots)**

Limited Opportunity for Improvement	319
Opportunity for improvement	11
Potential Violations	2

**2018 Upper Muddy Creek
(Benton County)
SIA Evaluation Results**

Total Tax Lots	463
Not Applicable Tax Lots	189
Total Agricultural Tax Lots Assessed	274

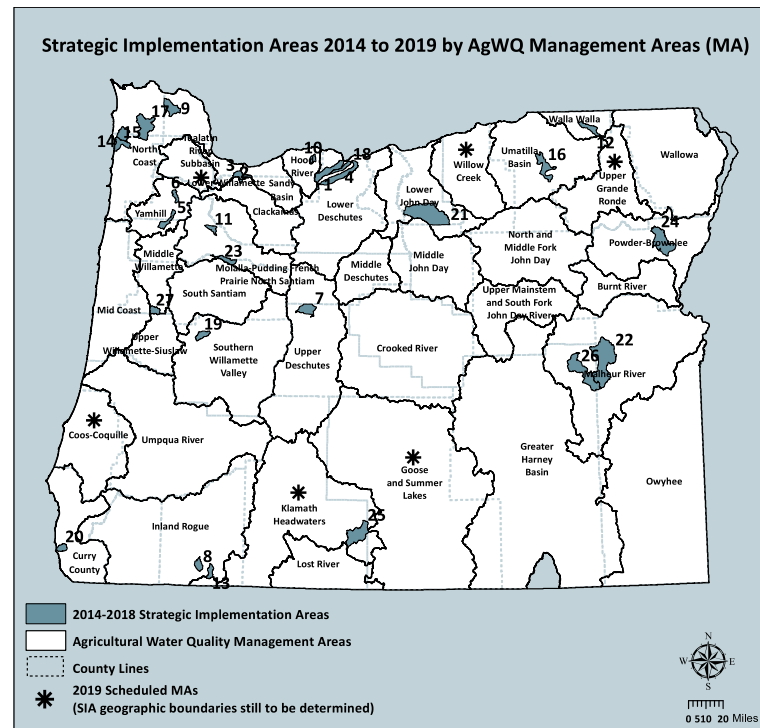
**Evaluation
(# Tax Lots)**

Limited Opportunity for Improvement	260
Opportunity for improvement	14
Potential Violations	0

SIA Schedule:

Why Schedule Management Areas for SIA Implementation?

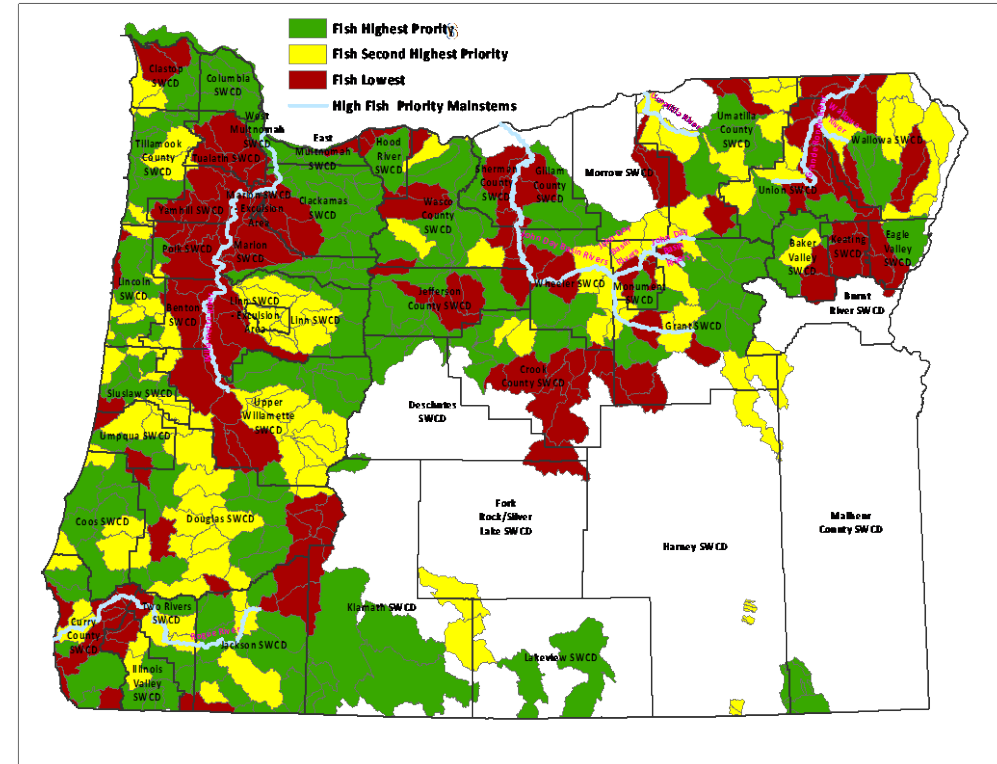
- Plan on ODA conducting them statewide
- Let SWCDs know their place on schedule
- Notify Partners
- ODA staff capacity
- Work with OWEB for funding into the future



How we came up with the schedule

- ODFW fish priorities
- Ag density
- Ag diversity
- Amount of water quality issues or lack of
- Regional experience
- Best professional judgment

ODFW Fish Priority Layer



Examples – North East Oregon - High fish priority but low density ag
West side of Willamette Valley - High density, but low fish priorities

“So, where am I on the schedule?”

Webinars hosted by ODA

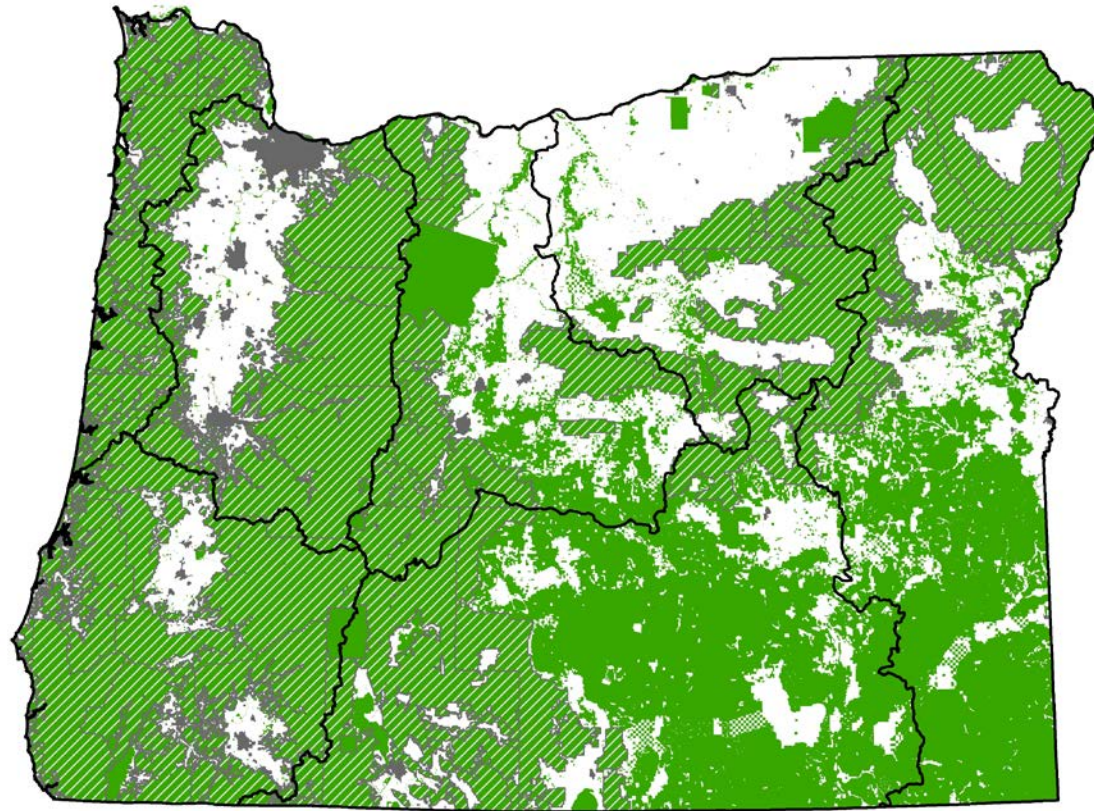
Tuesday November 12; 2:00pm – 3:30 pm

Thursday November 14; 10:00am – 11:30 am

By request to your local ODA Ag Water Quality Specialist

SIA Prioritization

HUC Prioritization

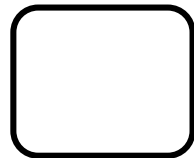


UrbanGrowthBoundary Forestry Zones Not Private Land

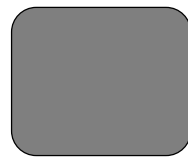
3121 HUCS Statewide minus
HUCS without Ag or water =

HUCs WITH AG & WATER =
1979

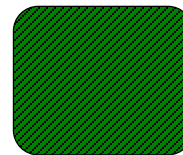
HUCS with Ag & Water
and.....CRITERIA! =



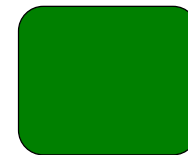
Ag Land



Urban



Forestry Zone



Not Private Lands



HUCs with Ag and Water: (1979 HUCs)

Score is calculated based the stream feet or acres of each category divided by the total stream feet or acres in agricultural use, multiplied by the scoring factor (10 for water quality and 5 for aquatic species of concern).

- Water Quality; (303(d) listed or TMDL:

Criteria:

Temperature	(10)
Bacteria	(10)
Nutrients	(10)
Sediment	(10)
<hr/>	
Possible WQ score	(40)

- ODFW identified Native Fish Priorities

Highest Priority	(15)
2 nd Highest Priority	(10)
Lower Priority	(5)

HUCs with Ag, Water, and WQ Criteria = 1494

Question – How to Prioritize 1494 HUCS?

Answer – DATA!

2019 ODA data (what I just showed you)

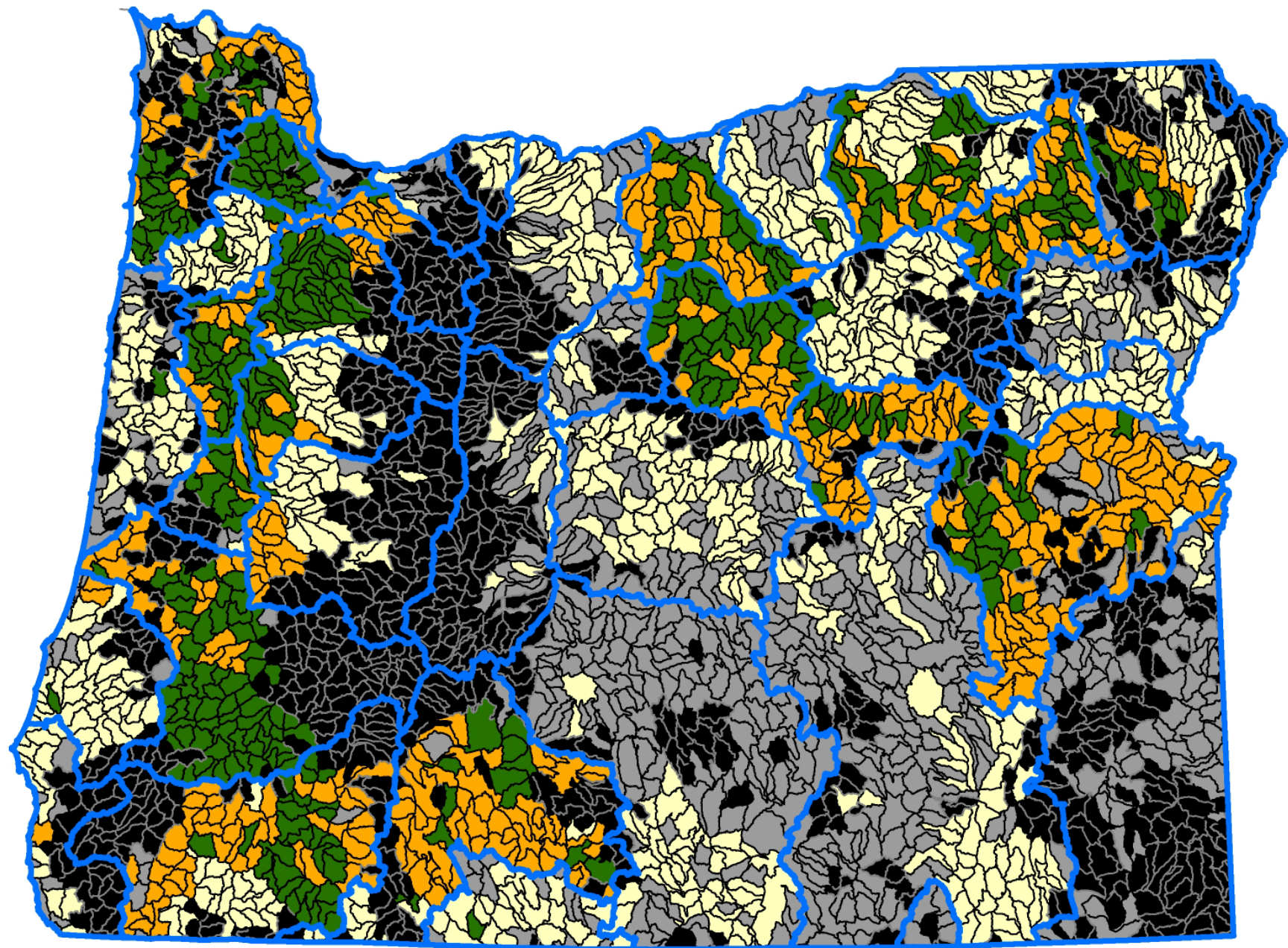
2012 DEQ data







2019 ODFW data

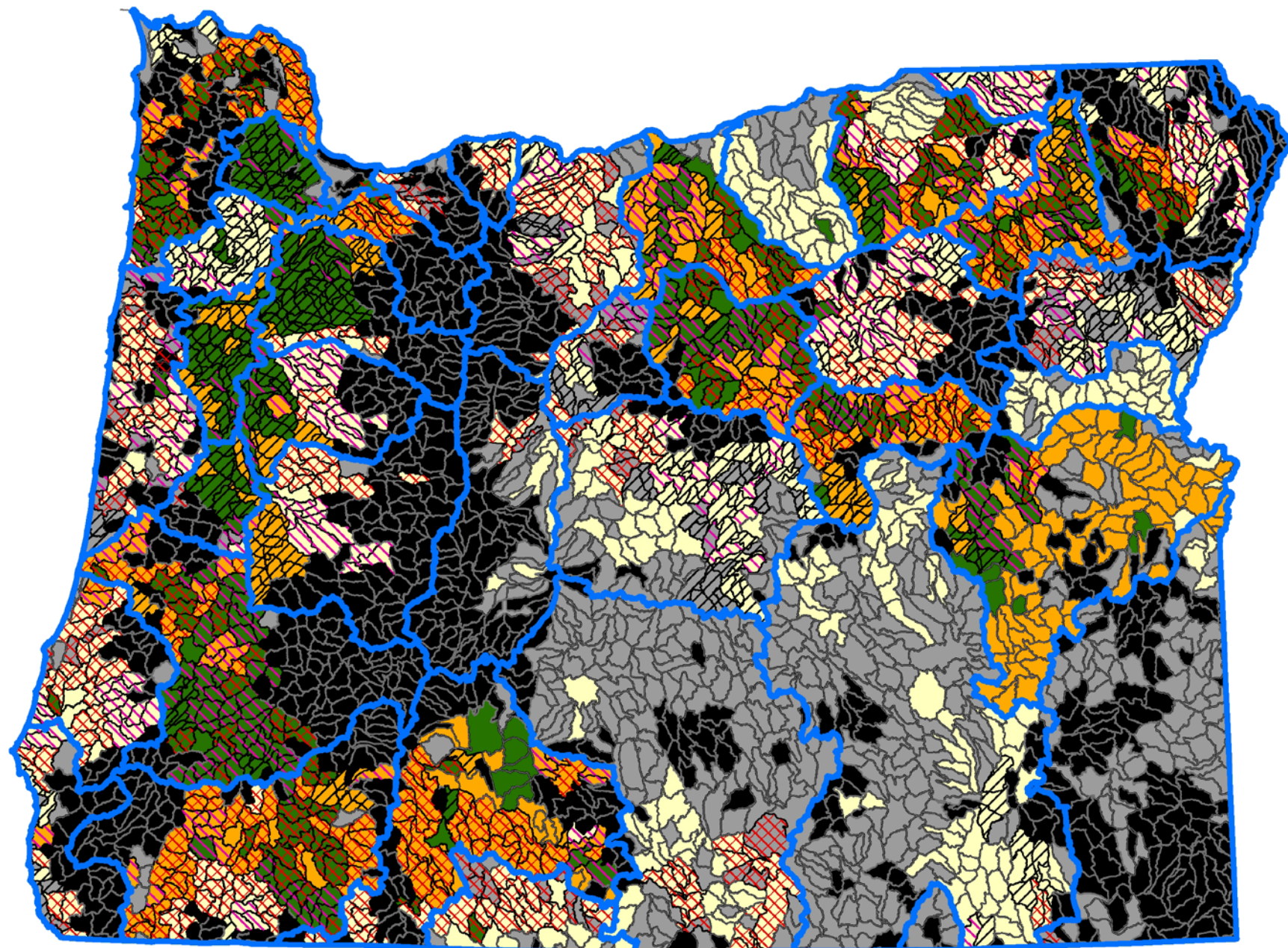
2018 US Geological Survey data

2011 National Land Cover data

Local input & knowledge



 High  Low  Medium  No Ag WQ Score  No Ag  Management Areas



□ No ODFW Score ▨ Lowest ▩ 2nd Highest ▪ Highest

■ High ■ Low ■ Medium ■ No Ag WQ Score ■ No Ag ○ Management Areas

ODA Recruitments

Dale Mitchell – Program Manager; ODA Pesticide Program (retired)

Manette Simpson – Program Lead; ODA SWCD Program

Brenda Sanchez – Ag Water Quality Specialist (North Coast region)

John Byers – Interviews begin November 14th

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Available until December 31, 2019

