



## Integrated Water Resources Strategy and ODA

ODA work focuses largely within the IWRS critical issues of improving water quality information, healthy ecosystems, water management, place-based efforts, education and outreach, and coordination with partners. The Department also has a role with climate change adaptation and resiliency strategies, promoting energy and water efficiency strategies, invasive species prevention and eradication, and promoting practices that protect drinking water. ODA is not currently engaging in conversations about water quantity, other than to acknowledge the importance of abundant, clean water for agriculture.

### Board of Agriculture - Climate Change Resolution Highlights

- Diverse 10-member board
- Concerned about agriculture resiliency with extreme weather events
- Abundant, clean surface and groundwater is critical
- **Recognize co-benefits such as soil health, water quality, improved water retention and filtration on farms, and reduced energy input costs**
- Voluntary incentives for agriculture to mitigate and adapt to climate change
- Recognize agriculture's positive environmental and economic impacts
- Voluntary incentives, minimize adverse impacts of compliance
- Research into additional strategies
- Equitable long-term planning, resource allocation and policy changes to help the state adapt to climate change.

### ODA, Climate Change, and Water

#### Examples of work with climate, water nexus

##### Soil Health Specialist (1 FTE)

- Limited duration
- Technical support to Oregon Global Warming Commission Natural and Working Lands Committee, others
- **Themes: Improve efficiency, precision of agricultural inputs (energy, fertilizer, water)**

##### Agricultural Water Quality Management Plans

- 38 Local plans across the state
- Reviewed biennially
- Local Advisory Committee input
  - Ag landowners plus a lot more
  - Working to improve tribal engagement
- Identify voluntary and required actions to protect water quality
- Collaboration with DEQ, Soil and Water Conservation Districts, other state and local partners
- Water quality and landscape monitoring & reporting elements
- **Themes: co-benefits of soil health, water quality, irrigation and nutrient management**



# ODA, Climate Change, and Water (CONTINUED)

## ODA-Administered SWCD Grants

- OWEB funded
- *Optional reporting field for practices with combined goals of climate mitigation, resilience, and water quality*
- Goal to expand reporting framework

## Align Water Quality, Climate Change Reporting

- ODA improving water quality reporting with DEQ
- ODA exploring options for simultaneous water quality, climate co-benefit reporting

## WRD Place Based Planning

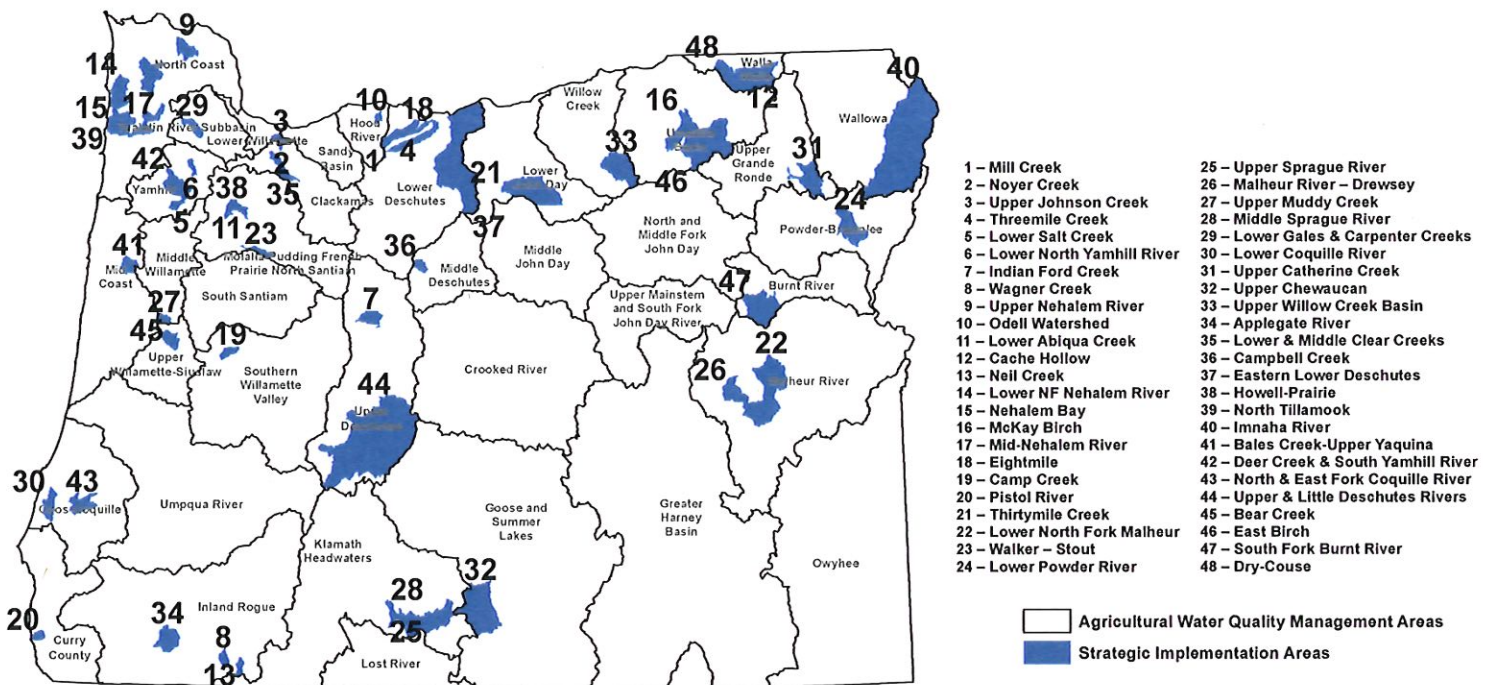
- As able, ODA staff participate
- Capacity has been an issue

## Strategic Implementation Areas

- Subbasin approach to improving water quality
- Focus on collaboration, education, outreach, monitoring, technical assistance
- Improve compliance
  - Co-benefit of improved surface, ground water quality, efficiency

...and more!

2014 to 2021 Strategic Implementation Areas with Agricultural Water Quality Management Areas



**OREGON  
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