



Oregon's 2025 Integrated Water Resources Strategy - Draft 2

A framework for improving our understanding of Oregon's water resources and meeting our instream and out-of-stream needs, including water quantity, water quality, and ecosystem needs

(1) Understand Oregon's Water Resources

Further Understand Limited Water Supplies & Systems
(groundwater, surface water, and their interaction)

Improve Water Quality & Quantity Information **Further Understand Our Water Management Institutions**

Water Resource / Supply Information
1A [1B] Improve Water Resource Data Collection and Monitoring
1B [1A] Conduct Additional Groundwater Basin Studies
1C Enhance Interagency Data Coordination
1D [5A] Support Basin-Scale Climate Change Research

2017 Action numbers are shown in [brackets]

← Objectives →

← Critical Issues →

← Actions →

(2) Understand Instream & Out-of-Stream Needs

Further Define Instream Needs
(i.e., left-in-place water)

Further Define Out-of-Stream Needs / Demands
(i.e. diverted water)

Instream & Ecosystem Water Needs
2A [3A] Determine Instream Flow Needs (Quality and Quantity)
2B [3B] Determine Needs of Groundwater-Dependent Ecosystems
2C [new] Develop Instream and Ecosystem Water Need Forecasts

Out of Stream Water Needs
3A [2B] Improve Water-Use Measurement and Reporting
3B [2A] Regularly Update Out-of-Stream Water Demand Forecasts
3C [2C] Determine Unadjudicated Water Right Claims
3D [2D] Authorize the Update of Water Right Records with Contact Information

[2E] Regularly update Oregon's water-related permitting guide is now and example action under 10F.

(3) Understand the Pressures that Affect Our Needs and Supplies

Climate Change **Economic Development** **Population Change** **Water & Energy**
Natural Hazards **Land Use Planning** **Water Infrastructure** **Education & Outreach**

Climate Change
Actions are included throughout the Strategy

Economic Development & Population Change
(See Actions 2C and 3B)

Water & Energy
4A Analyze the Effects on Water from Energy Development Projects and Policies
4B Develop Non-Traditional Hydroelectric Power
4C Promote Strategies that Increase/Integrate Energy and Water Savings

Natural Hazards
5A [5.5A] Plan and Prepare for Drought and Wildfire Resiliency
5B [5.5B] Plan and Prepare for Flood Events
5C [5.5C] Plan and Prepare for a Cascadia Earthquake and Tsunami Event

Land Use Planning
6A Improve Integration of Water Information and Land Use Planning
6B [6C] Encourage Low Impact Development Practices and Green Infrastructure

Water Infrastructure
7A Maintain, Upgrade, Decommission Water and Wastewater Infrastructure
7B Encourage Regional (Sub-Basin) Water and Wastewater Systems
7C Support Dam and Levee Safety

Education & Outreach
8A Support Implementation of K-12 Environmental Literacy Plan
8B Provide Career Training for the Next Generation of Water Professionals
8C Promote Community Education and Outreach
8D Identify Water Research Needs and Partnerships

← Objectives →

← Critical Issues →

← Actions →

(4) Meet Oregon's Instream and Out-of-Stream Needs

Water Planning **Place-Based Efforts** **Water Use & Management**
Healthy Ecosystems **Clean Water** **Public Health** **Funding**

Water Planning
9A Support Place-Based Integrated Planning and Other Water Planning Efforts
9B Coordinate Implementation of Natural Resource Plans
9C Partner with Tribes, Federal Agencies, and Neighboring States in Long-Term Water Resources Management
9D [6B] Improve State Interagency Coordination
9E [new] Lead Meaningful Community Engagement

Water Use & Management
10A Improve Water-Use Efficiency and Water Conservation
10B [10C] Encourage Water Reuse Projects
10C [10B] Improve Access to Storage
10D Reach Environmental Outcomes with Non-Regulatory Alternatives
10E [10F] Provide an Adequate Field Presence
10F [10G] Strengthen & Improve Water Quantity and Water Quality Permitting Programs
[10E] Continue the water resources development program is now an example action under 13C

Healthy Ecosystems
11A Improve Watershed Health, Resiliency, and Capacity for Natural Storage
11B Develop Additional Instream Protections
11C Prevent and Eradicate Invasive Species
11D Protect, Restore, and Provide Access to Instream Habitat for Fish and Wildlife
11E Develop Additional Groundwater Protections

Clean Water
12A Ensure the Safety of Oregon's Drinking Water
12B Reduce the Use of and Exposure to Toxics and Other Pollutants
12C Implement Water Quality Pollution Controls

Funding
13A Fund Development and Implementation of Oregon's Integrated Water Resources Strategy
13B Fund Water Resources Management Activities by State Agencies
13C [13C-13E] Invest in Planning, Feasibility Studies, and Water Resource Project Implementation