



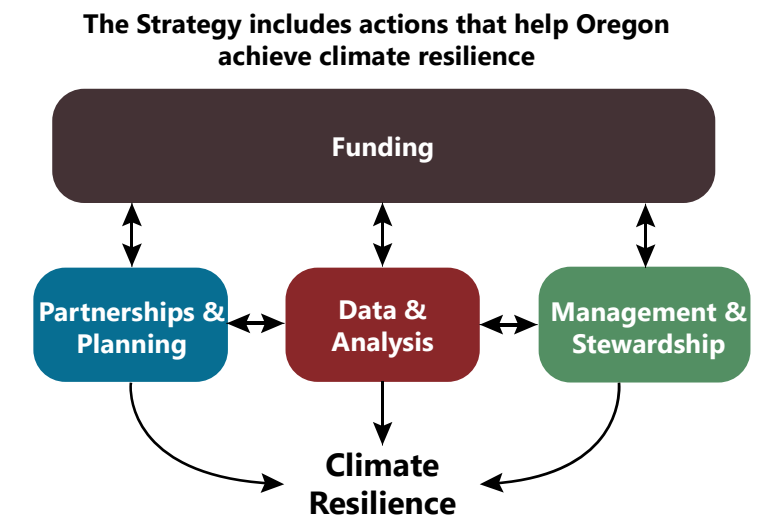
# Oregon's 2024 Integrated Water Resources Strategy - Draft 1.5

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 **in the context of climate change**

Funding	
<b>Objectives</b>	(1) Fund Oregon's Secure Water Future
<b>Critical Issues</b>	<b>Funding</b>
<b>Actions</b>	1A [13A] - Fund Development and Implementation of Oregon's Integrated Water Resources Strategy 1B [13B] - Fund Water Resources Management Activities at State Agencies 1C [13C-13E] - Invest in Planning, Feasibility Studies, and Water Resource Project Implementation  <b>Note: 2017 IWRS numbering shown in [brackets]</b>

Partnerships & Planning					
(2) Understand the <b>Coming</b> Pressures that Affect Our Needs and Supplies					
<b>Climate Change</b> Included in actions throughout the Strategy	<b>Education &amp; Outreach</b> 2A [8C] - Promote Community Education and Outreach 2B [8A] - Support Implementation of K-12 Environmental Literacy Plan 2C [8B] - Provide Career Training for the Next Generation of Water Professionals 2D [8D] - Identify Water Research Needs & Partnerships	<b>Coordination &amp; Collaboration</b> 3A [9C] - Partner with Tribes, Federal Agencies, and Neighboring States in Long-Term Water Resources Management 3B [6B] - Improve State Interagency Coordination <b>3C [new] - Lead Meaningful Community Engagement</b>	<b>Water Planning</b> 4A [9A] - Support Integrated Place-Based Planning and Other Water Planning Efforts 4B [9B] - Coordinate Implementation of Natural Resource Plans  <b>Economic Development &amp; Population Change</b> See Actions 8D & 9B	<b>Land Use Planning</b> 5A [6A] - Improve Integration of Water Information and Land Use Planning 5B [6C] - Encourage Low Impact Development Practices and Green Infrastructure	<b>Natural Hazard Mitigation Planning</b> 6A [5.5A] - Plan and Prepare for Drought & Wildfire Resiliency 6B [5.5B] - Plan and Prepare for Flood Events 6C [5.5C] - Plan and Prepare for a Cascadia Earthquake & Tsunami Event

Data & Analysis		
<b>Objectives</b>	(3) Understand Water Resources & <b>Climate Change</b>	(4) Understand Instream & Out-of-Stream Needs & <b>Climate Change</b>
<b>Critical Issues</b>	<b>Water Resource / Supply Information</b>	<b>Instream &amp; Ecosystem Water Needs</b>
<b>Actions</b>	7A [1B] - Improve Water Resource Data Collection and Monitoring 7B [1A] - Conduct Additional Groundwater Basin Studies 7C [1C] - Enhance Interagency Data Coordination 7D [5A] - Support Basin-Scale Climate Change Research	8A [4A] - Analyze the Effects on Water from Energy Development Projects and Policies 8B [3A] - Determine Instream Flow Needs (Quality and Quantity) 8C [3B] - Determine Needs of Groundwater-Dependent Ecosystems <b>8D [new] - Develop Instream &amp; Ecosystem Water Demand Forecasts</b>
		<b>Out of Stream Water Needs</b>
		9A [2B] - Improve Water-Use Measurement and Reporting 9B [2A] - Regularly Update Out-of-Stream Water Demand Forecasts



Management & Stewardship				
<b>Objectives</b>	(5) Meet Oregon's Instream and Out-of-Stream Needs			
<b>Critical Issues</b>	<b>Healthy Ecosystems</b>	<b>Clean Water</b>	<b>Water Use &amp; Management</b>	<b>Water Infrastructure</b>
<b>Actions</b>	10A [11A] - Improve Watershed Health, Resiliency, and Capacity for Natural Storage 10B [11D] - Protect and Restore Instream Habitat and Fish Passage/Screening 10C [11B] - Develop Additional Instream Protections 10D [11C] - Prevent and Eradicate Invasive Species 10E [11E] - Develop Additional Groundwater Protections	11A [12A] - Ensure the Safety of Oregon's Drinking Water 11B [12B] - Reduce the Use of and Exposure to Toxics and Other Pollutants 11C [12C] - Implement Water Quality Pollution Controls	12A [2C] - Determine Unadjudicated Water Right Claims 12B [10A] - Improve Water-Use Efficiency and Water Conservation 12C [10C] - Encourage Water Reuse Projects 12D [10B] - Improve Access to Storage 12E [10D] - Reach Environmental Outcomes with Non-Regulatory Alternatives 12F [10F] - Provide an Adequate Field Presence 12G [10G] - Strengthen Water Quantity and Water Quality Permitting Programs	13A [7A] - Maintain, Upgrade, Decommission Water and Wastewater Infrastructure 13B [7B] - Encourage Regional (Sub-Basin) Water and Wastewater Systems 13C [7C] - Support Dam and Levee Safety
				<b>Water &amp; Energy</b>
				14A [4B] - Develop Non-Traditional Hydroelectric Power 14B [4C] - Promote Strategies that Increase/Integrate Energy and Water Savings