

Appendix C

Cross-walk of 2017 Strategy and 2025 Strategy

2017 Objectives & Critical Issues	2025 Objectives & Critical Issues (additions in red)
Objective 1: Understand Water Resources Today Critical Issues: <ul style="list-style-type: none"> • Further Understand Limited Water Supplies & Systems • Improve Water Quality & Quantity Information • Further Understand Our Water Management Institutions 	Objective 1: Understand Oregon's Water Resources Today Critical Issue: <ul style="list-style-type: none"> • Water Resource/Supply Information
Objective 2: Understand Instream & Out-of-Stream Needs Critical Issues: <ul style="list-style-type: none"> • Further Define Out-of-Stream Needs/Demands • Further Define Instream Needs/Demands 	Objective 2: Understand Instream and Out-of-Stream Needs Critical Issues: <ul style="list-style-type: none"> • Further Define Instream and Ecosystem Water Needs/Demands • Further Define Out-of-Stream Water Needs/Demands
Objective 3: Understand the Coming Pressures that Affect our Needs & Supplies Critical Issues: <ul style="list-style-type: none"> • Water & Energy • Climate Change • Extreme Events • Water & Land Use • Water-Related Infrastructure • Education & Outreach 	Objective 3: Understand the Coming Pressures that Affect our Needs and Supplies Critical Issues: <ul style="list-style-type: none"> • Water and Energy • Climate Change • Extreme Events Natural Hazards • Water & Land Use Planning • Water-Related Infrastructure • Education and Outreach
Objective 4: Meet Oregon's Instream & Out-of-Stream Needs Critical Issues: <ul style="list-style-type: none"> • Place-Based Efforts • Water Management & Development • Healthy Ecosystems • Public Health • Funding 	Objective 4: Meet Oregon's Instream and Out-of-Stream Needs Critical Issues: <ul style="list-style-type: none"> • Place-Based Efforts Water Planning • Water Use and Management & Development • Healthy Ecosystems • Public Health Clean Water • Funding

2017 Critical Issues and Strategy Actions	2025 Critical Issues and Strategy Actions (revisions in red)
Critical Issue: Understanding Water Resources / Supplies / Institutions	Critical Issue: Water Resource / Supply Information
1A Conduct additional groundwater investigations	1B Conduct additional groundwater basin investigations
1B Improve water resource data collection & monitoring	1A Improve water resource data collection and monitoring
1C Coordinate inter-agency data collection, processing, and use in decision-making	1C Enhance interagency data coordination
Critical Issue: Understanding Oregon's Out-of-Stream Needs/Demands	Critical Issue: Out-of-Stream Water Needs
2A Regularly update long-term water demand forecasts	3B Regularly update out-of-stream water demand forecasts
2B Improve water-use measurement & reporting	3A Improve water-use measurement and reporting
2C Determine unadjudicated water right claims	3C Determine unadjudicated water right claims
2D Authorize the update of water right records with contact information	3D Authorize the update of water right records with contact information
2E Regularly update Oregon's water-related permitting guide	Moved to example action 10F
Critical Issue: Understanding Oregon's Instream Needs/Demands	Critical Issue: Instream & Ecosystem Water Needs
3A Determine flows needed (quality & quantity) to support instream needs	2A Determine instream flow needs (quality and quantity)
3B Determine needs of groundwater dependent ecosystems	2B Determine needs of groundwater-dependent ecosystems
	2C [new] Develop instream and ecosystem water need forecasts
Critical Issue: Water and Energy	
4A Analyze the effects on water from energy development projects & policies	4A Analyze the effects on water from energy development projects and policies
4B Take advantage of existing infrastructure to develop non-traditional hydroelectric power	4B Develop non-traditional hydroelectric power
4C Promote strategies that increase/integrate energy & water savings	4C Promote strategies that increase/integrate energy and water savings
Critical Issue: Climate Change	
5A Support continued basin-scale climate change research efforts	Moved, now 1D Support basin-scale climate change research
5B Assist with climate change adaptation & resiliency strategies	Distributed throughout other Strategy actions
Critical Issue: Extreme Events	Critical Issue: Natural Hazards
5.5A Plan and prepare for drought resiliency	5A Plan and prepare for drought and wildfire resiliency
5.5B Plan and prepare for flood events	5B Plan and prepare for flood events
5.5C Plan and prepare for a Cascadia subduction earthquake event	5C Plan and prepare for a Cascadia earthquake and tsunami event
Critical Issue: Water & Land Use	Critical Issue: Land Use Planning
6A Improve integration of water information into land use	6A Improve integration of water Information and land

planning (and vice versa)	use planning
6B Improve state agency coordination	9D Improve state interagency coordination
6C Encourage low-impact development practices and green infrastructure	6B Encourage low impact development practices and green infrastructure
Critical Issue: Water-Related Infrastructure	Critical Issue: Water Infrastructure
7A Develop and upgrade water and wastewater infrastructure	7A Maintain, upgrade, decommission water and wastewater infrastructure
7B Encourage regional (sub-basin) approaches to water and wastewater systems	7B Encourage regional (sub-basin) water and wastewater systems
7C Ensure public safety/dam safety	7C Support dam and levee safety
Critical Issue: Education & Outreach	
8A Support Oregon's K-12 environmental literacy plan	8A Support implementation of K-12 Environmental Literacy Plan
8B Provide education and training for Oregon's next generation of water experts	8B Provide career training for the next generation of water professionals
8C Promote community education and training opportunities	8C Promote community education and outreach
8D Identify ongoing water-related research needs	8D Identify water research needs and partnerships
Critical Issue: Place-Based Efforts	Critical Issue: Water Planning
9A Continue to undertake place-based integrated, water resources planning	9A Support place-based integrated planning and other water planning efforts
9B Coordinate implementation of existing natural resource plans	9B Coordinate implementation of natural resource plans
9C Partner with federal agencies, tribes, and neighboring states in long-term water resources management	9C Partner with Tribes, federal agencies, and neighboring states in long-term water resources management
	9E [new] Lead meaningful community engagement
Critical Issue: Water Management & Development	Critical Issue: Water Use & Management
10A Improve water-use efficiency and water conservation	10A Improve water-use efficiency and water conservation
10B Improve access to built storage	10C Improve access to storage
10C Encourage additional water reuse projects	10B Encourage water reuse projects
10D Reach environmental outcomes with non-regulatory alternatives	10D Reach environmental outcomes with non-regulatory alternatives
10E Continue the water resources development program	Moved to example action under 13C
10F Provide an adequate presence in the field	10E Provide an adequate field presence
10G Strengthen water quantity & water quality permitting programs	10F Strengthen and improve water quantity and water quality permitting programs
Critical Issue: Healthy Ecosystems	
11A Improve watershed health, resiliency, and capacity for natural storage	11A Improve watershed health, resiliency, and capacity for natural storage
11B Develop additional instream protections	11B Develop additional instream protections
11C Prevent and eradicate invasive species	11C Prevent and eradicate invasive species
11D Protect and restore instream habitat and habitat access for fish and wildlife	11D Protect, restore, and provide access to instream habitat for fish and wildlife
11E Develop additional groundwater protections	11E Develop additional groundwater protections
Critical Issue: Public Health	Critical Issue: Clean Water

12A Ensure the safety of Oregon's drinking water	12A Ensure the safety of Oregon's drinking water
12B Reduce the use of and exposure to toxics and other pollutants	12B Reduce the use of and exposure to toxics and other pollutants
12C Implement water quality pollution control plans	12C Implement water quality pollution controls
Critical Issue: Funding	
13A Fund development and implementation of Oregon's IWRS	13A Fund development and implementation of Oregon's Integrated Water Resources Strategy
13B Fund water resources management activities at state agencies	13B Fund water resources management activities by state agencies
13C Invest in local or regional water planning efforts	13C Invest in planning, feasibility studies, and water resource project implementation
13D Invest in feasibility studies for water resources projects	
13E Invest in implementation of water resources projects	