

Oregon's 100-Year Water Vision

OREGON



WATER RESOURCES
DEPARTMENT

Tom Byler, Director

Doug Woodcock, Deputy Director

Racquel Rancier, Senior Policy
Coordinator

November 2019

Water Resources Commission
Meeting

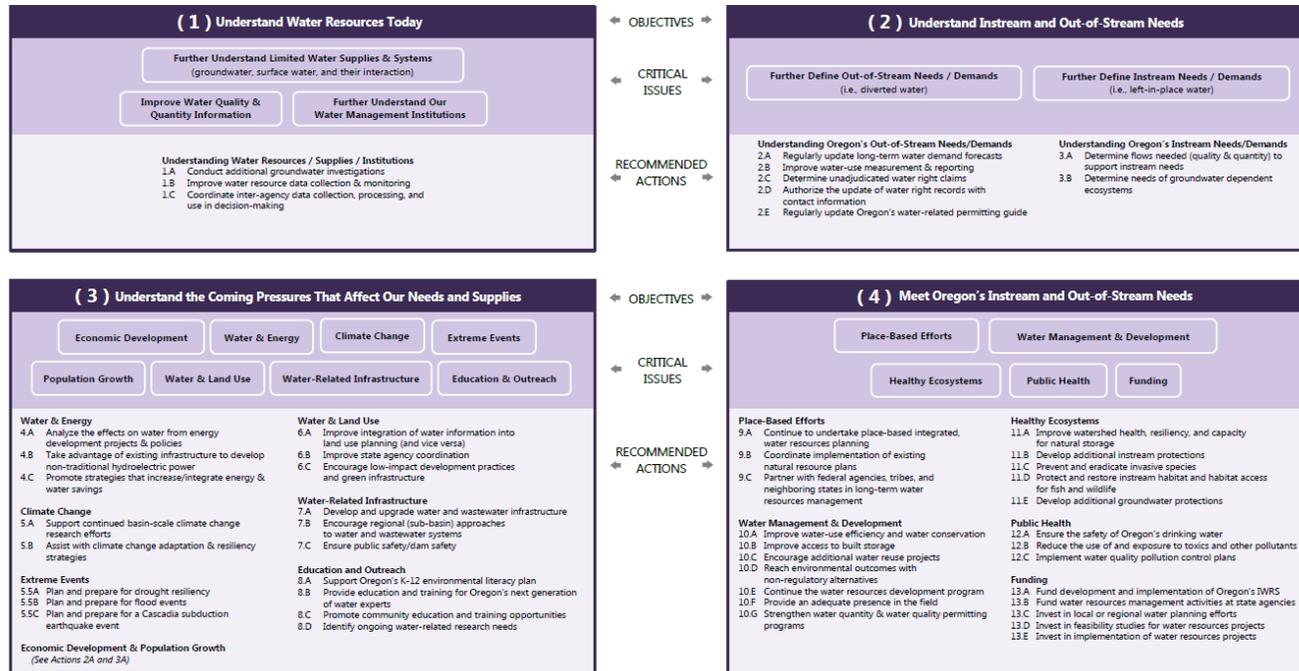


Integrated Water Resources Strategy (IWRS)

Oregon's 2017 Integrated Water Resources Strategy

Oregon's 2017 Integrated Water Resources Strategy

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



Oregon's 100-Year Water Vision

Preparing a Secure, Safe and Resilient Water Future for All Oregonians

To address changes in climate and population dynamics, Oregon will steward its water resources to ensure clean and abundant water for our people, our economy, and our environment, now and for future generations.

Strategic investments will result in resilient natural and built water systems across the state to support safe and healthy communities, vibrant local economies, and a healthy environment.

Phase I: Listen, learn, and gather information from across Oregon

Objectives:

- 💧 Refine the draft vision document, problem statement, and goals as appropriate from feedback received.
- 💧 Increase awareness by water leaders of the context around the 100-Year Water Vision and its goals, including examples.

Phase I: Listen, learn, and gather information from across Oregon

Objectives:

- 💧 Building on the IWRS, increase understanding of available data and gaps in data related to current surface and groundwater condition, as well as built and natural water infrastructure conditions and needs.
- 💧 Building on the IWRS, increase identification of priority data needs for effective built and natural water infrastructure decision-making.
- 💧 Increase knowledge of current state and federal funding available for water system investments and funding gaps.

Phase I Recap: Outreach by the Numbers

💧 7 in-person conversations in communities across the state:

- 💧 Gresham
- 💧 Tillamook
- 💧 Bend
- 💧 Ontario
- 💧 La Grande
- 💧 Albany
- 💧 Medford/Central Point

💧 1 virtual community conversation

💧 1 technical workshop

💧 80 in-person interviews

💧 135 online survey responses

💧 More than 600 Oregonians engaged!

Website, Feedback, and Listserve

[More About the Vision](#) [Vision Problem Statement](#) [Get Involved](#) [Share Your Thoughts](#)

Our Shared Vision

To address changes in climate and population dynamics, Oregon will steward its water resources to ensure clean and abundant water for our people, our economy, and our environment, now and for future generations. Strategic investments will result in resilient natural and built water systems across the state to support safe and healthy communities, vibrant local economies, and a healthy environment.

Goals

Health

Secure, safe, accessible, and healthy water for current and future Oregonians.

Economy

Adequate and clean ground and surface water to support economic vitality for all Oregonians.

Environment

Adequate cool, clean water for native fish and wildlife to thrive, and healthy watersheds that can store and filter water naturally.

Safety

Resilient water supply and flood protection systems that can face natural hazards such as floods and drought.

Investing in Our Water Future

Many areas of Oregon are known for clean and reliable water. This is due to both favorable climate and the infrastructure we built in the 19th and 20th centuries to effectively move water from its source to where it is used. As has been identified in Oregon's Integrated Water Resources Strategy, 3 forces combine to place significant stress on Oregon's water:

1. Climate change and associated increases in fire, drought, and flooding;
2. A half century of underinvestment in built and natural water infrastructure; and
3. Our changing population and associated development – growing in some areas, shrinking in others.

These factors impact the quality and quantity of water for our communities, including water in our rivers, lakes, reservoirs, and aquifers. Simply put, if we are not willing to roll up our sleeves and work together to invest in our natural and built water systems, we place the safety of our communities, the health of our people and environment, and Oregon's economic future at risk.



[More About the Vision](#) [Vision Problem Statement](#) [Get Involved](#) [Share Your Thoughts](#)

Events

[Business Oregon Infrastructure Summit](#), October 20-21, Salem Convention Center

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2020 Funding Requests

<u>2020 Funding Request</u>	<u>Agency</u>
Water Vision Coordination & Implementation	OWEB
Water Vision Decision Support Tool Development	DEQ
Water Vision Business Case	OWRD

Commission Discussion

- 💧 Do the goals represent your relationship to and usage of water? If not, what goals are missing, or what change do you recommend?
- 💧 Do the identified problems reflect the concerns you have surrounding the future of Oregon's water security? If not, what is missing, or what changes do you recommend?

Next Steps

The State agencies will compile and analyze all of the feedback received and will report to the Governor and Legislature in early 2020 in order to determine a path forward for the 100-Year Water Vision.



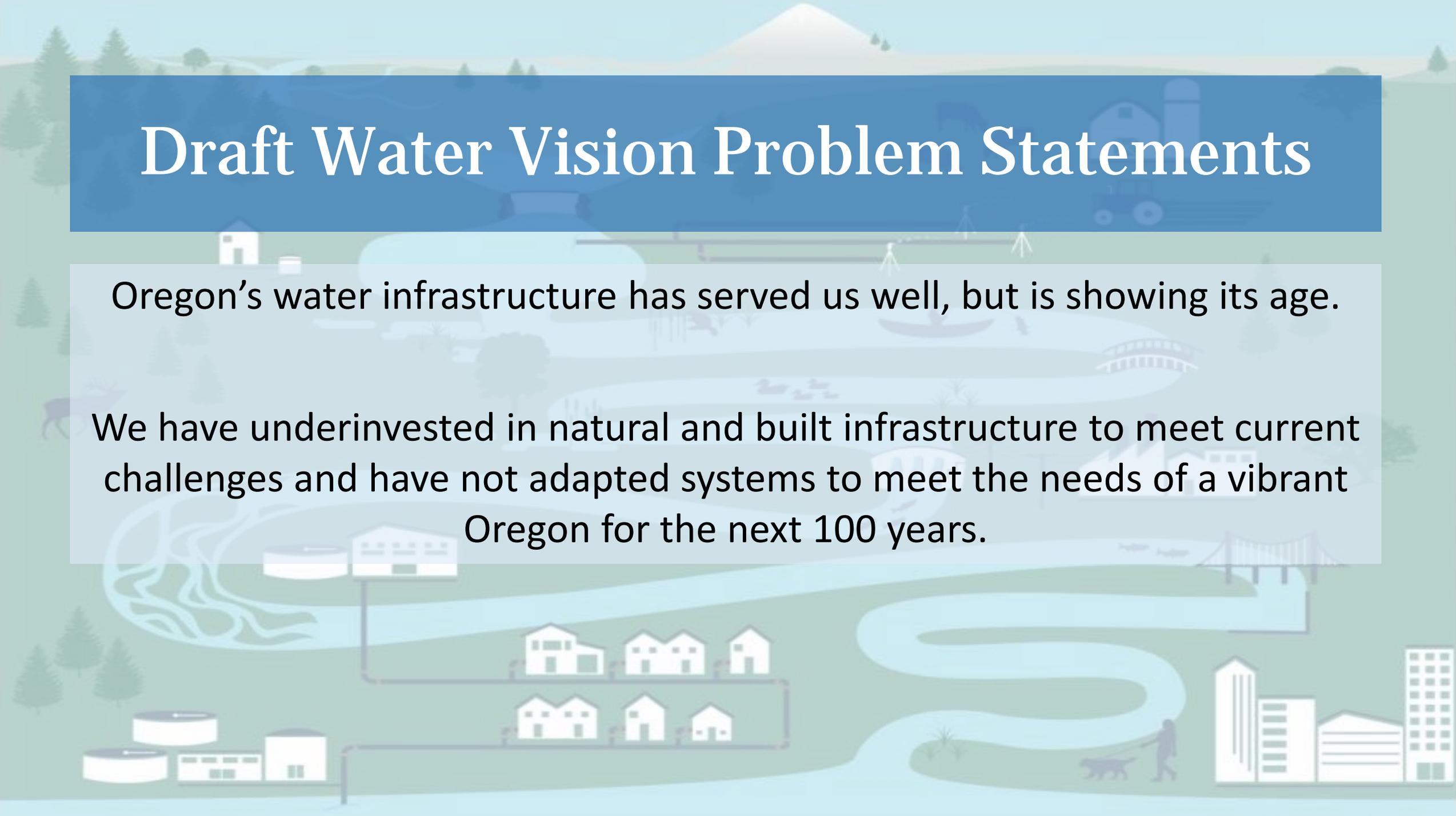
Thank You!



Water Vision Goals

- 💧 **Health:** Secure, safe, accessible, and healthy water for current and future Oregonians.
- 💧 **Economy:** Adequate and clean ground and surface water to support economic vitality for all Oregonians.
- 💧 **Environment:** Adequate cool, clean water for native fish and wildlife to thrive, and healthy watersheds that can store and filter water naturally.
- 💧 **Safety:** Resilient water supply and flood protection systems that can face natural hazards like earthquakes, floods and drought.

Draft Water Vision Problem Statements

The background features a stylized illustration of a water infrastructure system. A winding river flows through a landscape with green hills and a mountain peak in the distance. On the left, there are water treatment tanks and a building. In the center, a residential area with several houses is connected to the river by a network of pipes. On the right, a city skyline with various buildings is visible. A person is shown walking a dog near the riverbank. The overall scene is rendered in a light, illustrative style.

Oregon's water infrastructure has served us well, but is showing its age.

We have underinvested in natural and built infrastructure to meet current challenges and have not adapted systems to meet the needs of a vibrant Oregon for the next 100 years.

Draft Water Vision Problem Statements

- Without modern water supply systems and water conservation approaches that combine to provide reliable access to water, including in emergencies, Oregonians risk not having water available when it's needed for healthy people and communities, food production, and a thriving economy.
- Without resilient built and natural infrastructure that provides cool and clean water across all Oregon watersheds, our people – and our fish and wildlife – are increasingly vulnerable to the health risks associated with lack of access to adequate, clean water.

Draft Water Vision Problem Statements

- Without upgraded levees, dams, stormwater systems, tide gates, and the natural protection of wetlands and estuaries, our communities will be less safe and at increased risk of damage and economic hardship from localized and catastrophic flooding.
- Without access to relevant water data for effective decision-making, cross-agency coordination, and intentional approaches to test new ideas, built and natural water systems will perennially fall short of providing for Oregon's in-stream and out-of-stream water needs.

Draft Water Vision Problem Statements

- 💧 Without strong capacity across all Oregon communities to plan for their water future, and effective ways to ensure strategic water investment decisions are coordinated across and between local, regional, state, and federal agencies, communities will not be prepared to take advantage of large-scale water infrastructure funding opportunities or collaborative and innovative partnerships.
- 💧 Without coordinated built and natural water infrastructure investments, Oregonians – including those in disproportionately impacted and rural communities – may be unable to access adequate clean water and return it to our rivers for downstream users, fish, and wildlife.