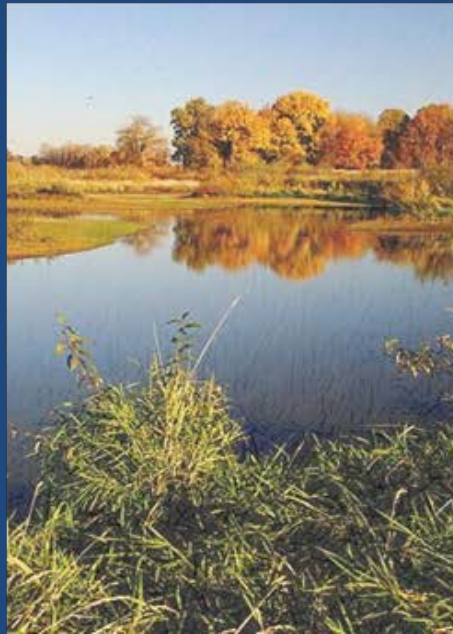
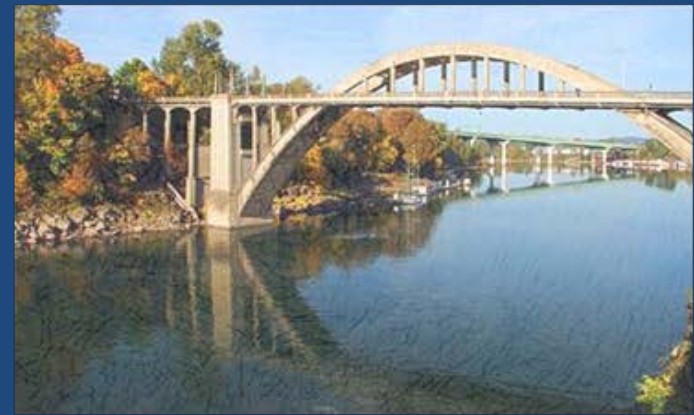


Oregon's Integrated Water Resources Strategy



**Water Resources Commission Meeting
August 17-18 2017**

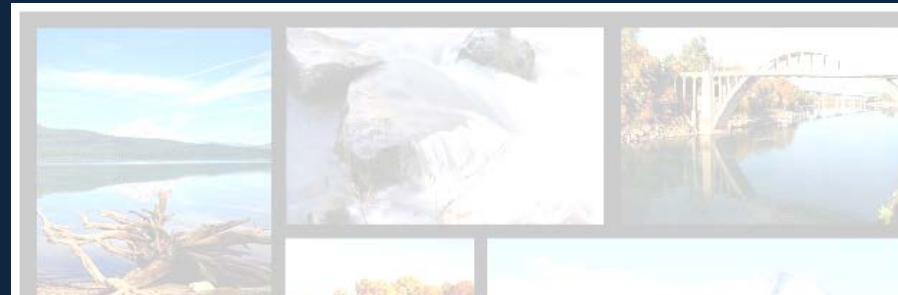
Outline

- 2017 Update process
- Update on briefings with Boards and Commissions
- Overview of public comments received
- Engagement with agency partners
- Next steps

The Charge to Develop the Strategy

Oregon's House Bill 3369 (2009)

- Directed WRD to lead efforts to “understand and meet” Oregon’s water needs →
- Partnered with water quality, fish & wildlife, agriculture, other agencies, tribes, stakeholders, & public
- Account for coming pressures



instream and out-of-stream
...quality, quantity & ecosystem needs
...today and in the future



2017 Update Process

- IWRS must be updated every five years
- Other boards and commissions must be notified
- This update was designed to focus on shoring up existing recommended actions or adding new ones
- Department continues to work closely with key partner agencies
- Governor Brown directed agencies to address drought resiliency

2017 Update Process

Public Review Draft:

- Goals and objectives remain the same:
 - Goal 1: Improve our understanding of Oregon's water resources
 - Goal 2: Meet Oregon's water resources needs
- Guiding principles unchanged
- Critical issues remain the same, with one new addition
- General structure and outline of the document also mirrors 2012 Strategy

2017 Update Process

Public Review Draft:

- New recommended actions are marked as “new”
- The numbered recommended actions that were revised are marked as “revised”
- Note that several revisions were made to narrative and implementation–related bullets

REVISED

9A Continue to Undertake Place-Based Integrated Water Resources Planning

How to implement this action:

- Promote success by continuing to support the places currently following the draft planning guidelines
- Continue to provide financial and technical assistance to support collaborative water planning
- Promote peer-to-peer learning between communities pursuing collaborative water planning
- Solicit community input on place-based planning, refine the planning guidelines, and implement process improvements

Revised Recommended Actions at a Glance

- 2A. Regularly update long-term water demand forecasts
- 2D. Authorize the update of water right records with contact information
- 2E. Regularly update Oregon's water-related permitting guide

- 4B. Take advantage of existing infrastructure to develop non-traditional hydroelectric power
- 6B. Improve state agency coordination
- 6C. Encourage low-impact development practices and green infrastructure
- 9A. Continue to undertake place-based integrated, water resources planning
- 10E. Continue the water resources development program

- 13B. Fund water resources management activities at state agencies
- 13D. Invest in feasibility studies for water resources projects

New Recommended Actions at a Glance

EXTREME EVENTS:

- 5.5A. Plan and prepare for drought resiliency
- 5.5B. Plan and prepare for flood events
- 5.5C. Plan and prepare for Cascadia subduction earthquake event

WATER-RELATED INFRASTRUCTURE:

- 7C. Ensure public safety/dam safety

WATER MANAGEMENT & DEVELOPMENT:

- 10F. Provide an adequate presence in the field
- 10G. Strengthen water quantity & water quality permitting programs

HEALTHY ECOSYSTEMS:

- 11E. Develop additional groundwater protections

FUNDING:

- 13C. Invest in local or regional water planning efforts
- 13E. Invest in implementation of water resources projects

What has informed updates or changes?

Policy Advisory Group

- An advisory body, offered recommendations
- Final memo of recommendations issued in January 2017

State Agency Input and Review

- Two rounds of review by agency partners
- New studies or publications

Public Comments

- Open houses and survey in mid-2016
- Formal public comment from April – July 2017

Boards and Commissions

- Via regular meeting updates
- Briefings to other boards/commissions this past Spring

Briefings with Boards, Commissions, & Others

Boards & Commissions:

- April 24 Watershed Enhancement Board
- May 12 Board of Agriculture
- May 19 Land Conservation and Development Commission
- June 9 Fish and Wildlife Commission
- July 13 Environmental Quality Commission

Others:

- May 8 Assoc. of Oregon Counties Water Policy Committee
- May 31 Community Meeting in Bend
- June 30 Groundwater Advisory Committee
- Aug. 15 Federal Liaison Group

Summary of Public Comments

- 250 individuals provided comments (Attachment 1)
- 38 organizations provided comments (Attachment 2)
- Comments organized around IWRS topics (Attachment 3)
- Addendum to Staff Report – Additional Comments (Attachment 4)
- Generally supportive of the draft IWRS
- Offered numerous suggested revisions
- Often stated support for issues or actions already contained in the draft

Comments from Individuals

- Several conservation organizations encouraged members to comment
 - Stronger pollution prevention
 - Better protections for fish and wildlife, during drought
 - Measurement of water use
 - Climate change strategies
- Approximately 200 individual comments came through external submission forms
- Several members of the 2016 Policy Advisory Group submitted comments
- Several place-based planning groups also submitted comments

Comments from Stakeholder Organizations

- Conservation organizations
- Agricultural organizations
- Municipal organizations
- Consulting firms
- Tribal governments
- Local governments
- Non-profits and watershed councils
- Business

Comments Organized Around Themes

- Groundwater studies
- Improvement of data and monitoring
- Inter-agency data coordination
- Demand forecasts
- Water use measurement & reporting
- Adjudications, water right records, and permitting guide
- Instream flows
- Energy and water
- Climate change
- Extreme events (droughts, floods, earthquakes)
- Land-use and water
- Infrastructure
- Education and outreach
- Place-based planning, coordination, & partnerships
- Water-use efficiency & conservation
- Built storage
- Water reuse
- Non-traditional approaches
- Water resources development program
- Field presence
- Permitting
- Watershed health
- Instream protections
- Invasive species
- Instream habitat
- Groundwater protections
- Drinking water
- Water quality
- Funding

Comments Organized Around Themes

- Groundwater studies
- Improvement of data and monitoring
- Inter-agency data coordination
- Demand forecasts
- Water use measurement & reporting
- Adjudications, water right records, and permitting guide
- Instream flows

Comments Organized Around Themes

- Energy and water
- Climate change – frequent comment among submissions
- Extreme events – generally supportive comments
- Land-use and water – e.g., coordination beyond state agencies
- Infrastructure – e.g., suggestion to add irrigation to drinking water and wastewater needs discussion
- Education and outreach

Comments Organized Around Themes

- Place-based planning, coordination, & partnerships
- Water-use efficiency & conservation
- Built storage
- Water reuse
- Non-traditional approaches
- Water resources development program
- Field presence
- Permitting

Comments Organized Around Themes

- Watershed health
- Instream protections
- Invasive species
- Instream habitat
- Groundwater protections
- Drinking water
- Water quality
- Funding

Other Themes

- Requests for more detail
 - Example: Add discussion of agricultural water quality authorities and programs
 - Example: Include analysis and summary of groundwater level trends
- Add topics to multiple sections
- Missing items
 - Example: Agricultural water use efficiency
 - Example: Quantifying the economic value of water (both instream and out-of-stream)

Other Themes

- Items added
 - Example: Lead in drinking water
- Basin-specific issues or topics
- Place-based planning
- Geared toward a public audience
- Workplan / implementation & the 2022 Strategy
 - Requests for setting budgets, and associated timelines
 - Request to tackle bigger issues, to a greater extent in the 10-year update

Other Themes (cont.)

- **Numbered Recommended Actions and the Implementation Bullets**

Recommended Action 5.5A

Plan and Prepare for Drought Resiliency

How to implement this action:

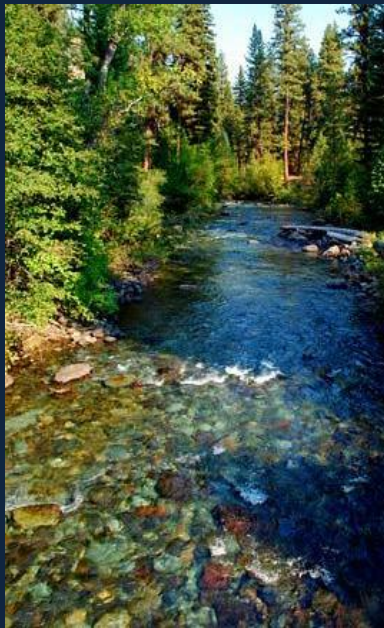
- Develop the appropriate set of indicators that signal differing stages of drought
- Document the economic, social, and environmental impacts of drought in Oregon, including the frequency, distribution, intensity and duration
- Prepare for, respond to, and mitigate for the impacts of water scarcity
- Assess and assist those communities most vulnerable to drought

- **Examples of how to implement the action**
- **Short summary of concepts in body of IWRS**
- **Not exhaustive**
- **Not intended as firm commitments**

Next Steps for August – November 2017

- Agencies are currently reviewing the IWRS and public comments
- Plan to wrap up review and develop final draft in August-September
- Staff plan to present a final draft for adoption at the November meeting
- 2017 IWRS will inform the Department's ongoing strategic planning initiative and implementation priorities

Comments or Questions?



Contact Information:
Alyssa Mucken, IWRS Coordinator