

# **Trees to Tap: Forest Management and Drinking Water Virtual Conference 2021**

**Theme:** Forest management and community drinking water systems in Oregon

**Dates/Times:** March 11 (1-6 p.m.) & March 12 (8am-12:30p.m.), 2021

**Sponsors:**

- Oregon State University, College of Forestry
- Institute for Natural Resources
- Oregon Forest Resources Institute
- Oregon Association of Water Utilities

**Audiences:**

- Forestry professionals
- Water professionals
- Water utilities
- Regulators
- Forest landowners
- Interested public

**Description:**

This virtual conference will review the Trees to Tap Science Review using a mix of science presentations given by the project scientists and management presentations given by forestry and water professionals, regulators and conservationist. Science presentations will give a high level summary of the Trees to Tap findings in each topic covered. Management presentations will give a top level finding followed by practical discussion of how to account for the findings in practice.

**Continuing Education Credits:**

- Associated Oregon Loggers (Pending)
- Oregon Association of Water Utilities (Pending)
- Society of American Foresters (Confirmed)

**Draft Program:**

**Day 1 – Thursday, March 11, 2021**

1:00 p.m. **Welcome & Introduction** – The Trees to Tap Science Review: why and how the study was done, and what the virtual conference will cover – Mike Cloughesy, Director of Forestry, Oregon Forest Resources Institute

1:15 p.m. **Forestry and Forest Management and Community Drinking Water Systems in Oregon**

- Description of the context of forest management in Oregon – Dr. Jon Souder, Assistant Professor & Forest Watershed Extension Specialist, Oregon State University (15 minutes)
- Description of the range of systems, the processes used to treat drinking water and the survey of community drinking water providers – Stephanie Reid, City Engineer, City of Lincoln City (15 minutes)
- Description of water utility survey and concerns – Dr. Emily Jane Davis, Assistant Professor & Extension Specialist in Collaborative Conservation, Oregon State University (15 minutes)

2:00 p.m. **Case Study – Oceanside Water District** – Summary of the case study with emphasis on a recent example of communication and interaction between the forest manager, the water utility and the state of Oregon. Each presenter will have:

- Dr. Emily Jane Davis, Assistant Professor & Extension Specialist in Collaborative Conservation, Oregon State University (5 minutes)
- Jeff Behan, Science Policy Research Analyst, Institute for Natural Resources (15 minutes)
- Jon Wehage, Forester, Stimson Lumber (10 minutes)
- Paul Newman, Commissioner, Oceanside Water District (10 minutes)
- Joshua Seeds, Nonpoint Source Specialist (Drinking Water Protection), Oregon Department of Environmental Quality (10 minutes)
- Q&A (10 minutes)

3:00 p.m. **Breakout Groups: Facilitated discussion of case study topics**

3:30 p.m. **Break**

3:40 p.m. **Report out** to larger group from breakouts – 3 minutes per group (30 minutes)

4:10 p.m. **Forest Chemicals Panel** - Summary of the science review on forest chemicals followed by practical presentations on managing forests and water systems to minimize forest chemical in source water by forestry and water professionals.

- Dr. Jon Souder, Assistant Professor & Forest Watershed Extension Specialist, Oregon State University (20 minutes)
- Whitney Henneman, Forester, C&D Lumber (10 minutes)
- Karl Morgenstern, Drinking Water Source Protection Coordinator, Eugene Water & Electric Board – (10 minutes)
- Jay Walters, Forester, Oregon Department of Forestry – (10 minutes)
- Q&A (10 minutes)

5:10 p.m. **Happy Hour** – Freeform discussion using Zoom Meetings breakout rooms

6:00 p.m. **Adjourn** for the day

## Day 2 – Friday, March 12, 2021

8:00 a.m. **Sediment and Turbidity Panel** - Summary of the science review on sediment and turbidity followed by practical presentations on managing forests and treating water to minimize sediment by forestry and water professionals.

- Dr. Kevin Bladon, Associate Professor in Forest Ecohydrology & Watershed Science, Oregon State University (20 minutes)
- Jennifer Beathe, Forester & Outreach Manager, Starker Forests (15 minutes)
- Melaney Dunne, Executive Director, Coquille Watershed Association (15 minutes)
- Q&A (10 minutes)

9:00 a.m. **Assessment of Wildfire Exposure to Public Water Supply Areas Panel**

- Description of the assessment and how the information can be used by water utilities and regulators
  - Michelle Day, Courtesy Faculty, Oregon State University, US Forest Service (10 minutes)
  - Chris Ringo, Senior Faculty Research Assistant, Oregon State University (10 minutes)
- Q&A (10 minutes)

9:30 a.m. **Ashland Case Study** – Fire risk reduction strategies in practice as part of the Ashland Forest Resiliency Project

- Dr. Emily Jane Davis, Assistant Professor & Extension Specialist in Collaborative Conservation, Oregon State University (moderator)
- Chris Chambers, Division Chief – Forestry, Ashland Fire Department (10 minutes)
- Donna Mickley, Ranger, Siskiyou Mountain Ranger District (10 minutes)
- Marko Bey, Executive Director, Lomakatsi Restoration Project (10 minutes)
- Q&A (10 minutes)

10:10 a.m. **Break**

10:20 a.m. **Water Quantity Panel** – Summary of the science review on water quantity followed by practical presentations on managing for a range of water yields by forestry and water professionals.

- Dr. Kevin Bladon, Associate Professor in Forest Ecohydrology & Watershed Science, Oregon State University (20 minutes)
- Dr. Shreejita Basu, Water Scientist, Sustainable Northwest (20 minutes)
- Jed Arnold, Community Outreach & Stewardship Coordinator, Hampton Family Forests (10 minutes) – *Invited*
- Q&A (10 minutes)

11:20 a.m. **Breakout Groups: Facilitated discussion on water quantity**

11:50 a.m. **Report out** to larger group from breakouts – 3 minutes per group (30 minutes)

12:20 p.m. **Conclusion & Wrap Up** – A review of lessons learned, findings and recommendations from the Trees to Tap Science Review

- Dr. Jon Souder, Assistant Professor & Forest Watershed Extension Specialist, Oregon State University
- Mike Cloughesy, Director of Forestry, Oregon Forest Resources Institute

12:30 p.m. **Adjourn**