

# OREGON BOARD OF FORESTRY

## 2019 Science, Values & Policy Workshop

Thursday November 7, 2019; 8:00am-5:00pm  
2600 State Street, Salem, OR 97310 – Tillamook Room

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### Workshop Purpose

During this workshop, Board members will participate in:

- Understanding wicked problems and how Board values contribute to science-informed policy decision making.
- Utilizing a variety of science topics as a backdrop to highlight their range of variability and the impact and influence on decision makers.
- Addressing as a Board, the strengths and limitations of how available science can inform complex policy decisions.
- Exploring processes or tools the Board can employ to integrate science and other sources of information into their decision making on complex policy issues in front of them.

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*Note: Presentations during November 6 Board Meeting will set the stage for the Workshop and will include: Craig Shinn – Wicked Problems in Policy Making and Denise Lach – Social Construct for Science & Policy. The November 7 workshop will not be open to public comment, but accessible to the public.*

### Facilitator: Robin Harkless

### Workshop Agenda

- 8:00 am **Welcome and Workshop Overview**.....Robin Harkless (NPCC)
- 8:15 am **Review Wicked Problems Homework**.....Jennifer Erdmann (ODF), Robin Harkless
- 8:45 am **Trask Paired Watershed Study**.....Sherri Johnson (USFS PNW), Bob Bilby (Weyerhaeuser)  
*Review the findings of the Trask Watershed Study, a 10-year effort to evaluate the effect of timber harvest along non-fish streams on the physical, chemical, and biological properties of these streams and the cumulative effect of multiple, headwater harvests on downstream, fish-bearing streams. Time included for Board Discussion.*
- 9:45 am **Break**
- 10:00 am **Fire**.....John Bailey (OSU), Dana Skelly (USFS)  
*This topic presents a synopsis of current basic and applied science in wildfire. Given the potential for continued extreme fire behavior within complex land tenures and exposure of Oregon’s landscapes and communities, the topic will also frame the transition from science to management in the context of moving beyond traditional management approaches. Time included for Board Discussion.*
- 11:00 am **Young Stand Management**.....Matthew Betts (OSU), Carlos Gonzalez-Benecke (OSU)  
*Presenters will discuss reforestation in conjunction with biodiversity and climate and the degree to which herbicides influence reforestation, and affect carbon capture and wildlife. They will also address the ecosystem services of different management strategies 12 years after herbicide use. Time included for Board Discussion.*
- 12:00 pm **Lunch** (provided)
- 12:30 pm **Integrating Facts and Values to Support Robust Decision Making**..... Chelsea Batavia (OSU), Michael P. Nelson (OSU)  
*An introduction to two processes that can be used to support robust forest management decisions. Part one will provide exposure to an analytical tool called argument analysis, used to critically examine both the scientific facts and the value judgments that underpin management or policy proposals. Part two will introduce scenario planning, a decision support tool that involves building narratives around, and at times quantifying, a plausible range of future conditions in a system of interest, based on likely inputs from a selected set of key drivers.*
- 4:30 pm **Wrap-Up/Next Steps**.....Robin Harkless, Peter Daugherty, and Tom Imeson