

November 12–14, 2024

EQUITY & ENVIRONMENTAL JUSTICE IN WILDLAND FIRE:

A VIRTUAL WORKSHOP

AGENDA: AT-A-GLANCE

DAY 1: RESILIENCE IN WILDFIRE HAZARD EXPOSURE AND MITIGATION

Tues., Nov. 12

9am	Welcome and introduction
9:30-10:50	Panel #1: Social vulnerability and wildfire hazard
10:50-11	Break
11-12:20	Panel #2: Equity in hazard mitigation
12:20-1	Equity on the ground: Practitioner insights
1pm	Workshop ends for the day

DAY 2: CONSIDERING PUBLIC HEALTH & EQUITY: WILDLAND FIRE AIR QUALITY

Wed., Nov. 13

9am	Introduction
9:20-9:40	Framing the conversation
9:40-10	West Bend: The role of land management & public health partnerships
10-10:30	Environmental justice, smoke exposure, and resources
10:30-11	Whole community approach to being smoke ready
11-11:10	Break
11:10-12:30	Community voices panel
12:30pm	Workshop ends for the day

DAY 3: HANDS ON THE LAND: UNDERSTANDING WORKFORCE DIVERSITY AND EQUITY IN FORESTRY & FIRE

Thurs., Nov. 14

9am	Introduction
9:10-10:15	Framing, history, and context of the forestry services and fire workforce
10:15-10:30	Break
10:30-11:30	Worker voices panel
11:30-12:30pm	Structured solution space: policy perspectives, engagement, speaker recommendations
12:30pm	Workshop ends for the day

This event is organized by the Northwest Fire Science Consortium in partnership with: Oregon State University Extension Fire Program, University of Oregon's Ecosystem Workforce Program and Center for Wildfire Smoke Research and Practice, and Northern Rockies Fire Science Network.



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**EQUITY & ENVIRONMENTAL
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Tuesday, November 12

DAY 1: RESILIENCE IN WILDFIRE HAZARD EXPOSURE & MITIGATION

9-9:30am

WORKSHOP INTRODUCTION

Autumn Ellison, *Program Coordinator, Northwest Fire Science Consortium and Oregon State University Forestry & Natural Resources Extension*

Emily Jane Davis, *Northwest Fire Science Consortium Principal Investigator and Fire Program Director, Oregon State University Extension Service*

9:30-10:50

PANEL #1: WILDFIRE HAZARD AND SOCIAL VULNERABILITY

Presentations with time for attendee questions:

- **Social vulnerability of the people exposed to wildfires in US west coast states**
Mojtaba Sadegh, Associate Professor, Department of Civil Engineering, Boise State University
- **From ignitions to impacts: How the socioeconomic landscape shapes wildfire risk and experience in the Pacific Northwest**
Caitlyn Reilley, Associate Environmental Planner, SWCA Environmental Consultants
- **Social impacts of wildfire disasters and recovery processes**
Nicole Lambrou, Assistant Project Scientist, Sierra Nevada Research Institute, University of California, Merced

10:50-11

Break

11-12:20

PANEL #2: EQUITY IN HAZARD MITIGATION

Presentations with time for attendee questions:

- **Community-led actions: Drivers of FireWise™ participation: Demographics vs. hazard**
Andrew R. Kampfschulte, University of Southern California, Spatial Sciences Institute
- **Landowner-led actions: Equity concerns in cost-share programs**
James R. Meldrum, Research Economist, U.S. Geological Survey, Fort Collins Science Center
- **Agency-led actions: Inequality in agency responsiveness after salient wildfire events**
Sarah E. Anderson, Professor; Associate Dean of Diversity, Equity and Inclusion, University of California, Santa Barbara Bren School of Environmental Science & Management
Andrew J. Plantinga, Professor, University of California, Santa Barbara Bren School of Environmental Science & Management

12:20-1pm

EQUITY ON THE GROUND: PRACTITIONER INSIGHTS

Two practitioners working on equity issues and wildfire hazard in their communities share their reflections and answer questions from moderator and attendees.

- Kathryn Joy Heim, *Methow Valley Equitable Mitigation Program*
- Aaron Groth, *Oregon Coast Regional Fire Specialist, Fire Program, Oregon State University Extension Service*

1pm

Workshop ends for the day



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**EQUITY & ENVIRONMENTAL
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Wednesday, November 13

DAY 2: CONSIDERING PUBLIC HEALTH & EQUITY: WILDLAND FIRE AIR QUALITY

- 9-9:20am **WELCOME & INTRODUCTION**
- 9:20-9:40 **FRAMING THE CONVERSATION**
Heidi Huber-Stearns, *Associate Research Professor, Institute for Resilient Organizations, Communities and Environments, University of Oregon*
Jess Downey, *Manager for the Center for Wildfire Smoke Research and Practice and Faculty Researcher at Institute for Resilient Organizations, Communities, and Environments, University of Oregon*
- 9:40-10 **WEST BEND: THE ROLE OF LAND MANAGEMENT & PUBLIC HEALTH PARTNERSHIPS**
Ryan Gordon, *USDA Forest Service, PNW Region*
- 10-10:30 **ENVIRONMENTAL JUSTICE, SMOKE EXPOSURE, AND RESOURCES**
Annie Doubleday, *Ambient Air Quality Epidemiologist, Washington State Department of Health*
Matt Dehr, *Wildland Fire Meteorologist, Washington State Department of Natural Resources*
Erin McTigue, *Smoke Management Coordinator & Indoor Air Specialist, US Environmental Protection Agency*
- 10:30-11 **WHOLE COMMUNITY APPROACH TO BEING SMOKE READY**
What is a “whole community approach” to being “smoke ready”? How does the mindset of whole community approach address equity and why is it needed to help communities across Oregon & Washington be smoke ready?
Jamie Bash, *Crisis & Emergency Risk Communications Analyst, Oregon Health Authority*
- 11-11:10 **Break**
- 11:10-12:30 **COMMUNITY VOICES PANEL DISCUSSION**
What does a whole community approach look like? Hear from practitioners who are working through community approaches rooted in place about ways we can work toward an approach that accounts for the ‘whole system’ of smoke preparedness.
- Sara Jones, *Smokewise Ashland*
 - Sarah Altemus-Pope, *Executive Director, Oakridge Air*
 - Liz Walker, *Advisor, Clean Air Methow*
 - Lauren Kraemer, *Associate Professor of Practice, College of Health, Oregon State University Extension Service in Hood River and Wasco Counties*
- 12:30 **Workshop ends for the day**



DAY 3: HANDS ON THE LAND: UNDERSTANDING WORKFORCE DIVERSITY AND EQUITY IN FORESTRY & FIRE

- 9-9:10am **WELCOME & INTRODUCTION**
- 9:10-10:20 **FRAMING, HISTORY, AND CONTEXT OF THE FORESTRY & FIRE WORKFORCE**
- **Introduction**
Emily Jane Davis, *Northwest Fire Science Consortium Principal Investigator & Fire Program Director, Oregon State University Extension Service*
 - **Who is the workforce, and how do workers arrive into it?**
Carl Wilmsen, *Independent Researcher*
 - **How does federal contracting shape this workforce?**
Heidi Huber-Stearns, *Associate Research Professor, Institute for Resilient Organizations, Communities and Environments, University of Oregon*
 - **How are incarcerated people involved in this workforce in Oregon**
Leigh Johnson, *Associate Professor, Departments of Geography & Environmental Studies, University of Oregon*
- 10:20-10:30 **Break**
- 10:30-11:30 **WORKER VOICES PANEL**
- This panel will include people with lived experiences as Latine, youth, Tribal members, and formerly incarcerated workers. Speakers will highlight opportunities, barriers, and changes that each segment of the workforce identifies from their perspectives.
- **Introduction**
Manuel Machado, *Natural Resources Workforce Program Coordinator, Oregon State University Extension Service*
Mindy Crandall, *Associate Professor & Associate Department Head, Department of Forest Engineering, Resources, and Management, Oregon State University*
 - **Speakers:**
 - Latine forest worker (recorded, anonymous)
 - Kyle Trefny (he/him), *Co-Founder, FireGen Collaborative*
 - Seneca Hescok, *Indian Youth Service Corps Hand Crew Member, Lomakatsi Restoration Project*
 - Chief Royal Ramey, *Co-Founder & Chief Executive Officer, The Forestry & Fire Recruitment Program (FFRP)*
- 11:30-12:30 **STRUCTURED SOLUTION SPACE**
- What diverse paths forward are needed for these diverse workforces and what are the policy and management opportunities for change?
- **Introduction**
Heidi Huber-Stearns, *Associate Research Professor, Institute for Resilient Organizations, Communities and Environments, University of Oregon*
 - **Policy and wildfire commission perspectives on the workforce**
Annie Schmidt and Tyson Bertone-Riggs, *Alliance for Wildfire Resilience*
 - **Discussion and Q&A**
All speakers and attendees
- 12:30 **Workshop ends for the day**

