

Forest Restoration Beyond Fuel Reduction: What is the Vision?

October 12-14, 2011 - Willie Hall,
Central Oregon Community College - Bend, Oregon



PHOTO COURTESY: STEPHEN FITZGERALD

Considerable focus on the management of federal, state and private lands has been on fuel reduction treatments to reduce the threat of large wildfires. Over the last decade a considerable amount of fuel reduction has been accomplished in Oregon and across the west. However, the focus is now shifting toward moving beyond just fuel reduction treatments and thinking more broadly about restoring forests in a more holistic way, particularly on federal lands. So, what are the next steps and approaches in the restoration of forests? Do we as professional foresters and resource managers have a clear vision of the need for restoration and the desired structure and function of a restored forest? What knowledge do we have to guide us and what other information do we need to help us? More importantly, do we all share the same vision of what a restored forest's structure, function, appearance, and outputs should be?



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Objectives

The objectives of this conference are to discuss and answer questions about:

- 1) Expressions of different visions of restored forests by various stakeholders;
- 2) How fuel reduction and fire can be integrated with forest restoration;
- 3) Discuss the economics, mechanics and tools used for forest restoration;
- 4) Explore the social aspects of forest restoration;
- 5) Establish and use reference conditions to formulate restoration goals; and
- 6) Effects of restoration treatments on various resources such as wildlife, soils, and water.

This conference is jointly sponsored by the Central Oregon Chapter, Central Oregon Community College Student Chapter, SAF Northwest Office, Central Oregon Community College; and the Oregon State University Extension Forestry and Natural Resources Program.



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Wednesday, October 12

- 8:30 Welcome, Introductions, Setting the Stage—**Ron Boldenow** and **Stephen Fitzgerald**
- 8:45 **Keynote:** Principles of and Approaches to Forest Restoration, **Wallace Covington**, Regents' Professor, Northern Arizona University and Executive Director of the Ecological Restoration Institute; and **Amy E. Waltz**, Program Director, Ecological Restoration Institute at Northern Arizona University, Flagstaff, AZ
- 9:45 Break
- Differing Visions of Restoring Forests for the Future**
- 10:15 **John Allen**, Supervisor, Deschutes National Forest, Bend, OR
- 10:30 **Mark Stern**, The Nature Conservancy, Portland, OR
- 10:45 **Ivan Maluski**, Sierra Club, Portland, OR
- 11:00 **Chuck Burley**, Interfor, Gilchrist, OR
- 11:15 **Darin Stringer**, Forestry Consultant, Pacific Stewardship LLC, Bend OR
- 11:30 Question and Answer Period
- Noon Lunch (included with registration fee)
- Fuel and Fire Risk Reduction and Social Aspects of Forest Restoration**
- 1:00 *Public expectations for forest restoration—***Bruce Shindler**, College of Forestry, Corvallis, OR
- 1:30 *Integrating fuel reduction treatments with forest restoration: Are they compatible?—***Amy Waltz**, Ecological Restoration Institute, Flagstaff, AZ
- 2:00 *Restoration and Fire at the Blacks Mountain Experimental Forest: Lessons from the Cone Fire—***Martin Ritchie**, PSW Research Station, Redding, CA
- 2:30 *Moving forward: Forest health, fuel reduction and forest restoration on a district in transition—***George Chesley** (retired USFS) and **Shane Jeffries**, Deschutes National Forest, Bend, OR
- 3:00 Break
- 3:30 *Forest dynamics after thinning and fuel reduction in dry forests—***Andy Youngblood**, PNW Research Station, La Grande, OR
- 4:00 *Effects of restoration treatments, wood removals and fire on soil, soil nutrients and soil carbon—***Matt Busse**, PSW Research Station, Redding, CA
- 4:30 *Risk-based prioritization of fuel treatment projects for dry forest restoration: Case studies from central Oregon—***Alan Ager**, Western Wildlands Environmental Threat Assessment Center, Prineville, OR
- 5:00 Wrap-up
- 5:10 Adjourn

Thursday, October 13

- Approaches to Forest Restoration and Restoration Science**
- 8:00 *All mixed up: Challenges and opportunities for restoring mixed conifer forests in central Oregon—***Tom Spies**, PNW Research Station, Corvallis, OR
- 8:30 *Restoration of juniper woodland-steppe ecosystems: Effects on water capture and release—***Michael Fisher**, Central Oregon Community College, Bend, OR
- 9:00 *Seeing the rivers for the trees: Watershed restoration on national forests in the Pacific Northwest—***Brian Staab**, USFS Region 6, Portland, OR
- 9:30 *A whole-landscape management strategy integrates wildlife and fire/fuels objectives to restore Cascadian dry forests—***John Lehmkuhl**, PNW Research Station, Wenatchee, WA
- 10:00 Break
- 10:30 *Restoration in westside forests: Increasing ecosystem function and resilience through diversification and mitigation—***Paul Anderson**, PNW Research Station, Corvallis, OR
- 11:00 *Meshing climate change considerations with forest restoration strategies—***Morris Johnson**, PNW Research Station, Seattle, WA
- 11:30 *Are thinning and restoration paths to sustainability for federal lands?—***Hal Salwasser**, College of Forestry, Oregon State University, Corvallis, OR
- Noon Lunch (included in registration fee)
- 1:00 *Silvicultural tools for forest restoration—***John Bailey**, College of Forestry, Oregon State University, Corvallis, OR
- 1:30 *Using uneven-aged management as a restoration strategy in ponderosa pine and dry mixed conifer plant associations—***Stephen Fitzgerald**, Extension Forestry and Natural Resources Program, Oregon State University, Redmond, OR
- 2:00 *Can a restored forest be a working forest?—***Paul Harlan**, Collins Pine Company, Lakeview, OR
- 2:30 Break
- 3:00 *Harvest technologies and economics of forest restoration—***Loren Kellogg**, College of Forestry, Oregon State University, Corvallis, OR
- 3:30 *Tying it all together: What did we learn and what can we apply from this conference?—***Gregg Reigel**, Deschutes National Forest, Bend, OR
- 4:30 Farewell and field trip logistics
- 4:40 Adjourn

Friday schedule on back page

REGISTRATION FORM

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Name _____

Company/Affiliation _____

Address _____

City, State, ZIP _____ Email _____

Daytime phone _____ Fax _____

Please list any dietary needs _____

Registration

	Before 10/5/11	After 10/5/11	Total
<input type="checkbox"/> Regular Registration	\$200	\$250	_____
<input type="checkbox"/> Student Registration	\$100	\$120	_____
<input type="checkbox"/> Field Trip	\$50	\$60	_____
		Total Amount	_____

Payment Information

Make checks payable to: Central Oregon Chapter SAF

Registration fee enclosed

Purchase Order # _____

Charge to: Visa MasterCard

Account Number: _____

Expiration Date: _____ Security Code: _____

**Early registration must
be received by
October 5, 2011**

**Mail, fax or email
registration form to:**

SAF Northwest Office
4033 SW Canyon Rd.
Portland, OR 97221

503-224-8046

Fax 503-226-2515

michele@safnwo.org

[www.forestry.org/oregon/
chapter/3/forestorestration](http://www.forestry.org/oregon/chapter/3/forestorestration)

Location The conference will be held in Willie Hall at the Central Oregon Community College Campus, 2600 NW College Way, Bend, OR 97701. Driving instructions are available at <http://visitors.cocc.edu/Visiting/Directions/default.aspx>. Participants will be emailed a visitor parking permit prior to the conference.

Registration The registration fee is \$200 if received by October 5, 2011, or \$250 if received after October 5. A student rate of \$100/\$120 late is available. The cost for the field trip is \$50 if received by October 5 or \$60 after. The conference registration fee includes two lunches and refreshments. The field trip includes transportation and lunch. Checks should be made payable to Central Oregon Chapter SAF. Purchase orders and Visa/MasterCard are accepted. Tax id # 23-7065108. No refunds for cancellations after October 5, but substitutions are always welcome.

Lodging Information For a list of lodging options in the area, go to <http://www.bendchamber.org/> and click on "visitors" and then "lodging."

Field Trip Field stops involved walking through forest stands on uneven ground, so participants should dress appropriately and wear proper foot wear.

SAF Continuing Forestry Education Credits This program is approved for CFE credits by the Society of American Foresters. Wednesday's sessions qualify for 6 hours Category 1 credit, Thursday sessions qualify for 7 hours of Category 1 credit, and Friday's field trip qualifies for 4 hours of Category 1 credit.



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 Portland, OR 97221

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Friday, October 14 (Wed. & Thurs. schedules inside)

- 7:45 Depart for the field
- 8:15 **Stop One:**
- *Deschutes Skyline Collaborative Forest Landscape Restoration Project*
 - **Amy Waltz** and **Pete Caligirui**, The Nature Conservancy
 - **Phil Chang**, Central Oregon Intergovernmental Council
 - *Implementing Forest Restoration Projects on the Bend/Fort Rock Ranger District*
 - **Pete Power** and **Matt Deppmeier**, Bend/Fort Rock Ranger District, Deschutes National Forest
 - *Implementing and financing initial fuels reduction treatments: Lessons learned*
 - **Joe Stutler**, Deschutes County Forester, Bend, OR
- 11:00 **Stop Two:**
- *Glaze Forest Restoration Project*
 - **Brian Tandy**, **Maret Pajutee**, and **Terry Craigg**, Sisters Ranger District
 - **Darin Stringer**, Consulting Forester

12:30 Lunch (included in field trip fee)

1:30 **Stop Three:**

- *Forest restoration of Deschutes Basin Land Trust Lands*
 - **Amanda Egertson**, Stewardship Director, DBLT
 - **Darin Stringer**, Consulting Forester

2:30 Wrap-up and travel back to Bend

3:45 Arrive in Bend



PHOTO COURTESY: RON BOLDENOW

Registration Questions? Contact Michele Docy at 503-224-8046 or michele@safnwo.org

Program Questions? Contact Ron Boldenow at 541-383-7754 or rboldenow@cooc.edu