



# BRINGING CLIMATE INTO NATURAL RESOURCE MANAGEMENT

*Portland, Oregon • June 28 - 30, 2005*

*Sponsored by* USDA FOREST SERVICE PACIFIC NORTHWEST STATION,  
USDA FOREST SERVICE ROCKY MOUNTAIN RESEARCH STATION  
*and* WESTERN FORESTRY AND CONSERVATION ASSOCIATION

# Bringing Climate into Natural Resource Management

June 28 - 30, 2005 • Hilton Hotel, Portland, Oregon

This conference will present the latest developments in the area of climate change impacts and engage scientists and natural resource managers in discussions on the management of natural resources in this uncertain climate. Climate variability and change serve as a backdrop for western resource management. What will be the potential impacts on ecosystems and economies under climate change? What is the likelihood that the western ecosystems could adapt to changes in climate and associated natural disturbances? What changes are needed in natural resource management? This conference will identify critical information needed to address management of western ecosystems under climate change.

## Tuesday - June 28, 2005

- 1:00 pm Opening and Welcome—**Jamie Barbour**, Pacific Northwest Research Station, USDA Forest Service, Portland, OR
- 1:30 Keynote Speaker—*Climate Change Policy and Natural Resources in the Western US*—U.S. Senator **Ron Wyden** (D-OR) (invited)
- 2:15 *Climate Variability and Change as a Backdrop for Western Resource Management*—**Kelly Redmond**, Western Regional Climate Center, Desert Research Institute, Reno, Nevada
- 3:00 Break
- 3:30 *Climate Change, Ecosystem Change and Fire in the West: Risks and Uncertainties*—**Ron Neilson**, PNW Research Station, USDA Forest Service, Corvallis, OR, and **John Townsley**, USDA Forest Service, Okanogan, WA
- 4:15 *Western Ecological Responses to Climate Change*—**Joel Smith**, Stratus Consulting Inc., Boulder, CO
- Panel: *Ecological Responses to Climate Change and Climate Variability.*
1. *Aquatics*: **Gordon Reeves**, PNW Research Station, USDA Forest Service, Corvallis, OR
  2. *Rangeland*: **Michael Pellant**, Bureau of Land Management, Boise, Idaho
- 5:30 Adjourn
- 6:00 Poster Session and Reception

## Wednesday - June 29, 2005

- 8:00 am Moderator: **Stephen Saunders**, Rocky Mountain Climate Organization, Louisville, CO
- 8:10 *Climate Change and Rangelands*—**TBA**
- 8:40 *Climate Change and Water in the West*—**Philip Mote**, University of Washington, Seattle, WA
- 9:10 *Climate Change and Western Water Management*—**Benjamin Harding**, Hydrosphere Consulting, Boulder, CO, and **Kyle Martin**, Columbia River Inter-Tribal Fish Commission, Portland, OR, and third panelist (TBA).
- 10:10 Break
- 10:40 *Climate Change and Invasive Plant Species*—**Lewis Ziska**, Agricultural Research Service, Beltsville, MD
- 11:10 *Implications for Western Bark Beetle Management in the Face of a Changing Environment*—**Jesse Logan**, Rocky Mountain Research Station, USDA Forest Service, Logan, UT
- 11:40 Lunch (included with registration)
- 1:00 Moderator: **Linda Joyce**, Rocky Mountain Research Station, USDA Forest Service, Ft. Collins, CO
- 1:10 *Socio-economic Response to Climate Change*—**Randall Rosenberger**, Oregon State University, Corvallis, OR
- Panel: *Socio-economic Responses to Climate Change and Climate Variability*
1. *Adaptation and Mitigation*—**Ralph Alig**, PNW Research Station, USDA Forest Service, Corvallis, OR
  2. *Community Responses to Disturbances*—**Courtney Flint**, PNW Research Station, USDA Forest Service, Portland, OR
  3. *Private Land Managers Responses to Disturbances*—**Mark Rasmussen**, Mason, Bruce and Girard, Portland, OR (invited)
- Question and answer session
- 2:30 Break

3:00 Small Group Roundtable Discussions—*What information is needed to address climate change in natural resource management plans?* Each roundtable will identify the critical information needed to address this question for one of the management areas below:

1. Water management
2. Aquatic fisheries management
3. Fire management
4. Forest and rangeland Health—insects/disease
5. Ecosystem health—Invasives
6. Threatened/endangered/rare species management
7. Wildlife (terrestrial) management
8. Timber production and management
9. Grazing (domestic, wild) management
10. Ecosystem restoration management

4:30 Group reports from each table.

5:30 Adjourn

#### Thursday - June 30, 2005

8:00 am Moderator: **Jamie Barbour**

8:10 *Western Forests: Carbon Sequestration, Accountability and Trading*—**Matt Delaney**, Delaney Forestry Services, Albany, OR

8:40 *Natural Resource Management and Biomass Energy Development*—**TBA**

9:10 Panel: **Forestland Management**—Panel of state forest managers, private landowners and industrial managers in the western US.

10:10 Break

10:40 Panel: *Where do We Go From Here? How Should Natural Resource Managers Respond to Climate Change?*—**Kelly Redmond, Randall Rosenberger**, and the 5 reporters from the preceding afternoon.

12:00 Conference adjourns.

## Posters Wanted

The conference organizers welcome posters related to the subject area and agenda themes. If interested, contact Gary Benson at 503-808-2191 or [gbenson@fs.fed.us](mailto:gbenson@fs.fed.us).

### REGISTRATION FORM

## Bringing Climate into Natural Resource Management

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Name \_\_\_\_\_

Title and Organization \_\_\_\_\_

Address \_\_\_\_\_

City, State, ZIP \_\_\_\_\_ Telephone \_\_\_\_\_

Fax \_\_\_\_\_ Email \_\_\_\_\_

#### Registration

On or before June 20      \$95      \_\_\_\_\_  
After June 20              \$125      \_\_\_\_\_

#### Questions?

**Call (503) 226-4562 or (888) 722-9416;**  
**fax (503) 226-2515**  
**[richard@westernforestry.org](mailto:richard@westernforestry.org)**

#### Method of Payment

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**[www.westernforestry.org](http://www.westernforestry.org)**

**Register online at [www.westernforestry.org](http://www.westernforestry.org)**

## CONFERENCE INFORMATION

**Location:** All conference events will be held at the Portland Hilton in downtown Portland at 921 SW Sixth Ave. Driving instructions are available by calling 503-226-1611 or at the web site: [www.portland.hilton.com](http://www.portland.hilton.com).

**Lodging:** Reduced rate lodging is available at the Hilton by calling 503-226-1611 and mentioning the Western Forestry Climate Change conference. Single rooms are \$93 plus tax and double rooms are \$103 plus tax. After May 31, reduced rate rooms are subject to availability.

**Registration:** The registration fee is \$95 if received before June 20 or \$125 if received after June 20. The registration fee includes speaker materials, refreshments, and a lunch on June 29. Checks should be made payable to WFCFA. IRS tax id # 93-331-712. We accept purchase orders, VISA, MasterCard, Discover and American Express credit cards. No refunds for cancellations after June 20, but substitutions are always welcome. Registration is available on-line at [www.westernforestry.org](http://www.westernforestry.org).

**Poster Session:** The conference organizers welcome posters related to the subject area and agenda themes. If interested, contact Gary Benson at 503-808-2191 or [gbenson@fs.fed.us](mailto:gbenson@fs.fed.us).

**SAF Continuing Education Credits:** Workshop attendees are eligible for 11.5 Category 1 CFE contact hours through the Society of American Foresters. A CFE form will be provided at the conference.

### Registration questions?

Call Michele at (888) 722-9416 or (503) 226-4562 or  
[richard@westernforestry.org](mailto:richard@westernforestry.org)

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