



# North Cascadia Adaptation Partnership



[www.northcascadia.org](http://www.northcascadia.org)

Preparing for climate change through science-management collaboration

## Okanogan-Wenatchee National Forest Climate Change Workshop

February 23, 2011

Wenatchee Convention Center

**Objective:** *Provide an opportunity to explore and discuss the issue of climate change adaptation on the Okanogan-Wenatchee National Forest so that we are better able to apply current science to resource management.*

**8:00 – 8:15 Welcome and objectives**

*Dave L. Peterson and Crystal Raymond, Research Scientists, PNW Station*

**8:15 – 8:30 Vision for climate change action – Forest Service and Okanogan-Wenatchee National Forest**

*Rebecca Heath, Forest Supervisor, OWNF*

### ***Climate Change Science Overview***

**8:30 – 9:00 The 2008 Workshop – Review and Progress Report**

*Bill Gaines, Wildlife biologist, OWNF*

*Dave W. Peterson, Research Forester, PNW Research Station*

**9:00 – 9:30 Climate Science Overview**

*Nate Mantua, Co-Director, Climate Impacts Group, University of Washington*

**9:30 – 9:50 Future Climate Projections for the Pacific Northwest and Techniques for Downscaling Climate Information**

*Nate Mantua, Co-Director, Climate Impacts Group, University of Washington*

**9:50 – 10:10 Panel Discussion**

*Bill Gaines, David W. Peterson, Nate Mantua*

**10:10 – 10:30 Break**

### ***Climate Change and Aquatic Resources***

**10:30 – 10:50 New Science: Climate Change Effects on Hydrology**

*Nate Mantua (for Marketa Elsner, Climate Impacts Group, University of Washington)*

**10:50 – 11:10 New science: Climate Change Effects on Fish Populations and Habitat**

*Nate Mantua, Co-Director, Climate Impacts Group, University of Washington*

**11:10 – 11:30 Climate Change Effects on Roads and Infrastructure, Olympic NF Case Study.**  
*Dave L. Peterson (for Bill Schelmerdine, Forest Engineer, Olympic National Forest)*

**11:30 – 12:00 Panel Discussion on Aquatic Resources**  
*Nate Mantua, Dave L. Peterson, Marge Hutchinson*

**12:00 – 1:15 Lunch**

### ***Climate Change and Forest Restoration***

**1:15 – 1:35 Overview of the Forest Restoration Strategy**  
*Clint Kyhl, Deputy Forest Supervisor, OWNF*

**1:35 – 2:00 Climate Change Effects on Vegetation and Ecological Disturbance**  
*Crystal Raymond, Climate Impacts Group, University of Washington*

**2:00 – 2:30 Panel Discussion on Forest Restoration**  
*Crystal Raymond, James Dickinson, Clint Kyhl, Bill Gaines*

### ***Climate Change and Wildlife Habitat Connectivity***

**2:30 – 3:05 Assessing Habitat Connectivity in Washington: Now and into the Future**  
*Peter Singleton, Ecologist, PNW Research Station and Meade Crosby, Postdoctoral Research Associate, University of Washington*

**3:05 – 3:30 Panel Discussion on Wildlife Habitat**  
*Peter Singleton, Bill Gaines, John Lehmkuhl,*

**3:30 – 3:45 Break**

### ***Next Steps: Vulnerability Assessment, Adaptation, and NPS collaboration***

**3:45 – 4:00 Vulnerability Assessment in the Pacific Northwest Region**  
*Bill Gaines (for USFS Regional Climate Change Coordinator)*

**4:00 – 4:15 Adaptation on national forests: from strategic to tactical**  
*Dave L. Peterson, Research Scientist, PNW Station*

**4:15 – 5:00 Final Discussion on Forest Management and Climate Change**

**5:00 – 5:15 Closeout**  
*Dave L. Peterson, Crystal Raymond*