North Cascadia Adaptation Partnership
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