



# North Cascadia Adaptation Partnership



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

Preparing for climate change through science-management collaboration

## Mount Baker-Snoqualmie National Forest Climate Change Workshop

April 28, 2011

Everett Community College

Everett, WA

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

**8:30 – 8:45 Welcome and objectives**

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

**8:45 – 9:00 Vision for climate change action – Forest Service and Mount Baker Snoqualmie National Forest**

*Rob Iwamoto, Forest Supervisor, MBSNF*

**9:00 – 9:20 Climate Change Strategy for the Pacific Northwest Region**

*Tom DeMeo, Regional Ecologist, USFS Pacific Northwest Region*

### ***Climate Change Science Basics***

**9:20 – 9:45 Climate Science Overview**

*Amy Snover, Co-Director, Climate Impacts Group, University of Washington*

**9:45 – 10:10 Future Climate Projections for the Pacific Northwest**

*Amy Snover, Co-Director, Climate Impacts Group, University of Washington*

**10:10 – 10:30 Break**

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

**10:30 – 11:00 Climate Change Effects on Hydrology**

*Marketa McGuire Elsner, Climate Impacts Group, University of Washington*

**11:00 – 11:30 Climate Change Effects on Aquatic Habitats and Fish**

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

**11:30 – 11:55 Climate Change Effects on Roads, Infrastructure, and Access**

*Bill Shelmerdine, Forest Engineer, Olympic National Forest*

**11:55 – 12:15 Panel Discussion on Aquatic Resources**

*Nate Mantua, Marketa McGuire Elsner, Bill Shelmerdine, Amy Lieb, Loren Everest*

**12:15 – 1:15 Lunch**

***Climate Change and Terrestrial Resources***

**1:15 – 1:45 Climate Change Effects on Vegetation and Ecological Disturbance**

*Jeremy Littell, Climate Impacts Group, University of Washington*

**1:45 – 2:15 Climate Change and High-Elevation Animal Species**

*Don Gay, Wildlife Biologist, MBSNF*

**2:15 – 2:35 Panel Discussion on Terrestrial Resources**

*Jeremy Littell, Don Gay, Cindy Tencick*

**2:35 – 2:55 Break**

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

**2:55 – 3:20 Adaptation on National Forests: National Roadmap and Score Card and Strategies and Tactics for Adaptation**

*Dave Peterson, Research Scientist, PNW Station*

**3:20 – 3:30 How the Mount Baker Snoqualmie National Forest is Responding**

*Cindy Tencick, Ecosystems Management and Strategic Planning Staff Officer*

**3:30 – 3:50 Final Discussion on Resource Management and Climate Change**

**3:50 – 4:00 Closeout**

*Rob Iwamoto, Dave Peterson, Crystal Raymond*