



North Cascadia Adaptation Partnership

Preparing for climate change through science-management collaboration

www.northcascadia.org



Mount Rainier National Park Climate Change Workshop

March 2, 2011

Pack Forest (Scott Hall)

Desired Outcome: Provide an opportunity to explore and discuss the issue of climate change at Mount Rainier National Park so we are better able to apply current science to park management

8:30 – 8:40 Welcome

Dave Uberuaga, Superintendent Mount Rainier National Park

8:40 – 8:50 Overview of North Cascadia Adaptation Project

Dave Peterson, Research Scientist, U.S. Forest Service

Climate Change Basics

8:50 – 9:20 Weather, Climate, and Future Climate Projections

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

Hydrology and Aquatics Resources

9:20 – 9:40 Glaciers

Jon Riedel, Geologist, North Cascades National Park

9:40 – 10:15 Goats to Geoducks – Climate Change and Geo-hazards from the Summit of Mount Rainier to Puget Sound

Paul Kennard, Regional Geomorphologist; Scott Beason, Geologist and Stefan Lofgren, Climbing Ranger – Mount Rainier National Park

10:15 – 10:30 Break

10:30 – 11:00 Goats to Geoducks (cont.)

11:00 – 11:25 Climate Change Effects on Hydrology

Alan Hamlet, Research Scientist, University of Washington

11:25 – 11:55 Questions and Answers with the Speakers

Roger Andrascik, Chief, Natural and Cultural Resources, Mount Rainier National Park

11:55 – 12:45 Lunch

12:45 – 1:10 Climate Change Effects on Aquatic Habitats

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

1:10 – 1:30 Climate Change and Amphibians

Bob Hoffman, Ecologist, USGS

Terrestrial Resources

1:30 – 1:50 Climate Change Effects on Vegetation Patterns, Fire, and Forest Pests

Crystal Raymond, Research Scientist, U.S. Forest Service

1:50 – 2:00 Whitebark Pine Monitoring

Lou Whiteaker, Plant Ecologist, Mount Rainier National Park

2:00 – 2:25 Climate Change Effects on Wildlife Habitat and Populations

Josh Lawler, University of Washington

2:25 – 2:45 Break

Climate Change and Management of Cultural Resources

2:45 – 3:00 Climate Change and Archeological Resources

Greg Burtchard, Archeologist, Mount Rainier National Park

3:00 – 3:15 Climate Change Response and Cultural Landscape Preservation

Susan Dolan, Historical Landscape Architect, Mount Rainier National Park

3:15 – 3:45 Questions and Answers with the Speakers

Roger Andrascik, Chief, Natural and Cultural Resources, Mount Rainier National Park

Where Are We Going?

3:45 – 3:55 National Park Service Climate Change Overview

Regina Rochefort, Science Advisor, North Cascades National Park

3:55 – 4:15 Wrap Up and Discussion

Dave Uberuaga, Superintendent Mount Rainier National Park