



North Cascadia Adaptation Partnership



www.northcascadia.org

Preparing for climate change through science-management collaboration

North Cascades National Park Climate Change Workshop

February 17, 2011

Burlington Public Library

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

9:00 – 9:10 Welcome

Chip Jenkins, Superintendent, North Cascades National Park

9:10 – 9:20 Overview of North Cascadia Adaptation Project

Dave Peterson, U.S. Forest Service

Climate Change Basics

9:20 – 9:35 Climate Change Perspectives

Jon Riedel, Geologist, North Cascades National Park

9:35 – 9:55 Future Climate Projections

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

Hydrology and Aquatics Resources

9:55 – 10:15 Glaciers

Jon Riedel, North Cascades National Park

10:15 – 10:35 Climate Change Effects on Hydrology

Alan Hamlet, Research Scientist, University of Washington

10:35 – 10:50 Break

10:50 – 11:10 Climate Change Effects on Aquatic Habitats

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

11:10 – 11:30 Climate Change and Fish in North Cascades: Current Research and Monitoring

Ed Connor, Seattle City Light

11:30 – 11:50 Climate Change and Hydropower

Ron Tressler, Seattle City Light

11:50 – 12:10 Questions and Answers with the Morning Speakers

Jack Oelfke, Chief of Resources, North Cascades National Park

12:10 – 1:10 Lunch

Terrestrial Resources

1:10 – 1:30 Climate Change Effects on Vegetation Patterns, Fire, and Forest Pests

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

1:30 – 1:50 Climate Change Effects on Wildlife Habitat and Populations

John McLaughlin, Western Washington University

1:50 – 2:10 Climate Change and Wolverines

Keith Aubry, Research Scientist, U.S. Forest Service

Climate Effects on Subalpine Ecosystems in the North Cascades

2:10 – 2:20 Whitebark Pine Monitoring

Mignonne Bivin, Plant Ecologist, North Cascades National Park

2:20 – 2:30 Pika Research

Bob Kuntz, Wildlife Biologist, North Cascades National Park

2:30 – 2:50 Questions and Answer Session with the Afternoon Speakers

Jack Oelfke, Chief of Resources, North Cascades National Park

Where Are We Going?

2:50 – 3:10 Break

3:10 – 3:25 National Park Service Climate Change Overview

Laurie Jenkins, Regional Climate Change Liaison, NPS Pacific West Region

3:30 – 3:50 Science, Mitigation, Adaptation, and Communication in North Cascades National Park

Regina Rochefort, Jack Oelfke, Kerri Cook, Charles Beall
North Cascades National Park

4:00 – 4:30 Wrap Up and Discussion

Chip Jenkins, Superintendent, North Cascades National Park