

Climate change and wildlife: Confronting the challenge on the Oregon landscape

A Workshop organized by the Oregon Chapter of the Wildlife Society



W UNIVERSITY of WASHINGTON



“The Earth is Faster Now”

Preparing Oregon's Fish, Wildlife, and Habitats for Future Climate Change: *A Guide for State Adaptation Efforts*

Subcommittee on Fish, Wildlife, and Habitat Adaptation
Oregon Global Warming Commission





Oregon Climate Assessment Report

December 2010

Oregon Climate Change Research Institute



Main Trends of the Changing Climate and its Effects in Oregon:

Sea Level Rise and Coastal Erosion



Main Trends of the Changing Climate and its Effects in Oregon:

Hotter, drier Interior



Main Trends of the Changing Climate and its Effects in Oregon:

**Precipitation variable in West; less falls as snow
(winter flooding; less spring runoff; less summer flow)**



“Tools already in the Toolbox” for managing
with the changing climate . . .

Manage watersheds as water cachements . . .





Climate Change Studies
Projections
Models
Trends
etc.

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Conservation or
Management Action
in Response
to Climate Change

Today's Workshop:

9:00 Welcome and roadmap for the day

**9:15 Climate change and vulnerability of Pacific Northwest biodiversity
(Michael Case, research assistant, University of Washington)**

**10:00 Oregon's approach to fish and wildlife Fish and Wildlife adaptations
(Holly Michael, Conservation policy coordinator, ODFW; and Sara O'Brien, private lands
conservation associate, Defenders of Wildlife)**

**10:30 Washington State Integrated Climate Response Strategy; integrating consideration of species,
habitats and ecosystems
(Lynn Helbrecht, climate change coordinator, WDFW)**

**11:00 Western Governors Association corridors initiative and regional pilot project context
(Audrey Hatch, Columbia Plateau pilot project leader, WDFW; Julie Schneider, habitat connectivity
biologist, ODFW)**

11:30 Working lunch

**12:30 Present and discuss proposed framework for integrating climate change into regional
(Columbia Plateau) pilot project as a case study
(Meade Krosby, post-doctoral research associate, University of Washington)**

2:00 Wrap-up and adjourn