Department of the Interior
Regional Climate Science Centers

Secretarial Order 3289 (9/14/09): DoI “protecting our country’s water, land, fish and wildlife, cultural heritage and tribal lands and resources from the dramatic effects of climate change that are already occurring”
Climate Science Centers
Regional hubs of the National Climate Change and Wildlife Center
Landscape Conservation Cooperatives
### Complementary Efforts

**CSCs & LCCs**

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<tr>
<th>Climate Science Centers (CSCs)</th>
<th>Landscape Conservation Cooperatives (LCCs)</th>
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Northwest CSC

UI    UW    OSU

• Additional collaborators: Boise State U., Idaho State U., Montana State U., Oregon Health and Science University, Portland State University, University of Idaho, University of Montana, University of Oregon, Washington State University, Idaho National Laboratory, Pacific Northwest National Laboratory, and Western Regional Climate Center
Northwest CSC

• Anticipated: ~$2M/yr targeted research, $1.3M/yr federal payroll

• Awarded: $0.7M/yr, emphasis on training graduate students and on infrastructure
  o OSU – Program management
  o UW – Communications
  o UI – Cyberinfrastructure
CSC Next Steps

• Identify graduate students to work on year 1 projects
• Develop stakeholder engagement process
• Hire permanent director
• Establish Advisory Council (fed-state-tribal) and Science Implementation Panel
• Develop science plan
• Hire federal science staff
• Implement climate “boot camp”
CSC Science Plan

- Priorities guided by Advisory Council
- Specific strategies developed by Science Implementation Panel
- Broad stakeholder engagement, focused on DoI priorities in landscape and species management
- Coordination with LCCs
Objectives

• Produce science useful to *(and used by!)* the decision making community
## Examples of Current Work

<table>
<thead>
<tr>
<th>Research Project</th>
<th>Collaborators</th>
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<tbody>
<tr>
<td>Providing information on <strong>climate impacts scenarios and support for adaptation planning</strong></td>
<td><strong>PNW National Parks and National Forests</strong></td>
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<tr>
<td>Developing <strong>methods for including climate change information</strong> in Endangered Species Act decision processes</td>
<td><strong>NOAA Northwest Fisheries Science Center</strong></td>
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<td><strong>Assessing the vulnerability of three west coast fisheries to climate change</strong></td>
<td><strong>Washington and Oregon Sea Grant</strong></td>
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<td><strong>Providing hydrologic change scenarios</strong> for approximately 300 streamflow locations in the Columbia River basin and selected coastal drainages west of the Cascades for use in impacts assessment and adaptation planning**</td>
<td><strong>Water management agencies in the PNW</strong></td>
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<tr>
<td><strong>Providing scenarios, scientific support, and guidance on planning for climate change</strong> for Washington State’s climate change response strategy planning effort, and efforts to restore the ecological health of Puget Sound**</td>
<td><strong>Washington Department of Ecology</strong></td>
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New Leadership

• CIG founder and Director of 15 years, Dr. Edward L. Miles, retired summer 2010

• New Co-Directors are Dr. Nate Mantua & Dr. Amy Snover
Looking Forward

Unprecedented collection of climate expertise now available in the PNW region:

• CIG (UW),
• OCCRI (OSU) and the CDSC,
• Pacific Climate Impacts Consortium (Victoria, BC),
• Idaho EPSCoR’s “Water Resources in a Changing Climate” (U Idaho),
• DOI Northwest Climate Science Center (UW/OSU/U Idaho and others)
Looking Forward cont’d

Joint commitment among these groups to look for opportunities to work collaboratively with each other and other regional partners to deliver climate impacts science that is both:

• relevant, and
• innovative

to decision makers.
And as we work collaboratively, the CIG will...

• Continue operating as our own entity
• Continue working across a broad range of issues and topics associated with the interactions among climate, natural and human systems.
• Continue to look for opportunities to share resources
• Continue working directly with stakeholders, e.g., via research consultancies/partnerships/collaborations
FOR MORE INFORMATION

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