The Climate Impacts Group

An interdisciplinary research and engagement team studying the impacts of climate variability and climate change in the PNW and western U.S.

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>
</tr>
</thead>
<tbody>
<tr>
<td>Providing information on <strong>climate impacts scenarios and support for adaptation planning</strong></td>
<td>PNW National Parks and National Forests</td>
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<td>Developing <strong>methods for including climate change information</strong> in Endangered Species Act decision processes</td>
<td>NOAA Northwest Fisheries Science Center</td>
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<td><strong>Assessing the vulnerability of three west coast fisheries to climate change</strong></td>
<td>Washington and Oregon Sea Grant</td>
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<tr>
<td>Providing <strong>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>Water management agencies in the PNW</td>
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<tr>
<td>Providing <strong>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>Washington Department of Ecology</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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Emerging Research Agenda and Near-Term Priorities

• Place-based whole-systems (integrated) impacts analysis
• Vulnerability assessment
• Adaptation planning
  ▪ Including efforts to update the CIG/King County adaptation planning guidebook