



Northwest Climate Science Center

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The Northwest Climate Science Center (NW CSC), established in 2010, is one of eight regional Climate Science Centers initiated by the National Climate Change and Wildlife Science Center (NCCWSC) at the U.S. Geological Survey (USGS), part of the Department of the Interior. The NW CSC's mission is to coordinate the expertise of federal and university scientists to provide the scientific information and tools necessary to address the priorities of federal, state, and tribal resource managers in response to a changing climate. It is a partnership of the USGS and a consortium of three academic institutions, Oregon State University (OSU), University of Idaho (UI), and University of Washington (UW). The universities offer capabilities in climate science, ecology, impact assessment, modeling, and advanced information

IMPACT

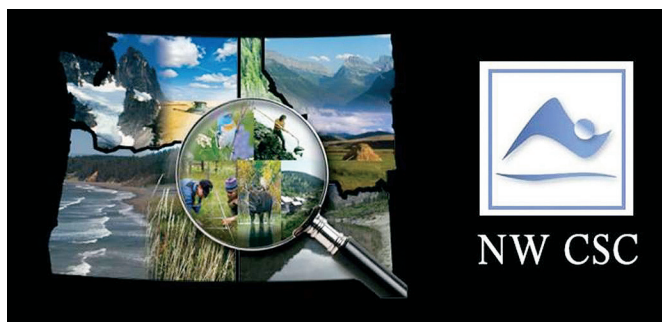
The Northwest Climate Science Center provides actionable climate science and decision support tools that will inform conservation and resource management across the Pacific Northwest. It does this by providing leadership to strengthen the region's coordinated climate science portfolio and by providing regional audiences with necessary tools and information to promote climate change awareness.

technology, all of which are necessary to address and respond to climate change in the Pacific Northwest. The NW CSC partnership provides an opportunity to strategically address science issues of regional significance by purposely blending recognized academic expertise and federal resources.

University co-project investigators for the NW CSC and REACCH are colocated at OSU and UI, and some are funded by both the NW CSC and REACCH. Planning and implementation of science, education, communication, and data management agendas are often inter-related, mutually supportive, and interactive.

The NW CSC has a stakeholder-driven science agenda with annual science priorities, and releases each year a competitive request for proposals (RFP) for climate research projects throughout the three-state region. NW CSC research focuses primarily on public forest lands and rangelands, waters, and shorelines, and supports decision makers who are responsible for these resources, while REACCH focuses on private agricultural lands and industry managers. However, research projects resulting in downscaled climate data are mutually beneficial as they produce results and data for all lands and waters in the region.

REACCH and the NW CSC use the same data management services provider, the Northwest Knowledge Network based at UI, so all data collected in research projects are stored and managed for access in a common repository. The two projects employ data management experts who work closely together on the development of metadata, policies and portals, and tools and applications for other researchers, end users, and stakeholders.



This image represents the breadth of the Northwest Climate Science Center (NW CSC) across disciplines and geography. The NW CSC combines academic expertise with federal resources to advance climate science development and delivery for managers and policy makers in the Pacific Northwest.

The NW CSC and REACCH share a common interest in preparing the next generation of climate-ready researchers and managers. The NW CSC conducts an annual Climate Boot Camp, a weeklong intensive educational program for early career professionals, including CSC graduate student fellows, cultural and natural resource managers from federal and state agencies, nonprofits, and Native American tribes. Modules are offered on climate science basics, science communications, knowledge integration, and climate adaptation on the ground. REACCH education staff have attended the Climate Boot Camp and then conducted a mini-version of the program for REACCH graduate students. REACCH and NW CSC graduate students have interacted about their research and outreach efforts at the annual Pacific Northwest Climate Science Conference, an event cosponsored by REACCH and the NW CSC.



Photo by Nita Robinson.