

Climate Change Resources- Tools, Information, Case Studies, and More

US Forest Service Climate Change Resource Center

www.fs.usda.gov/ccrc

Provides land managers with easy access to credible, science-based, and relevant information and tools concerning climate change. Synthesized topics, video presentations, annotated bibliography of +1800 papers, tools such as the Climate Change Tree and Bird Atlases, Carbon OnLine Estimator, and Seedlot Selection Tool.

Pacific Northwest Climate resources

www.pnwclimate.org

Provides links to:

[Climate Impacts Research Consortium](#) (CIRC) a climate knowledge network established by NOAA that provides information and tools for adapting to a changing climate in the northwest. This is part of NOAA's Regional Integrated Sciences and Assessments (RISA) programs.

[Oregon Climate Change Research Institute](#) (OCCRI) est. 2007 to foster climate change research among faculty of the Oregon University System; serve as a clearinghouse for climate information; and provide climate change information to the public.

[Northwest Climate Science Center](#) (NWCSC) est. 2010 by the US DOI to address the challenges presented by climate change and climate variability in the northwestern United states. It includes strategic workplans, annual reports, science agenda, projects, and products.

[Oregon Climate Service](#) (OCS) collects, manages, and maintains Oregon weather and climate data. OCS also provides weather and climate information to those within and outside the state of Oregon and educates Oregonians on current and emerging climate issues.

The Climate Adaptation Knowledge Exchange

www.CAKEx.org

An online community resource that supports managers, planners, and practitioners as they work to prepare for and respond to climate change. Publish and promote your work; Explore projects, people, resources, and tools on their georeferenced map; Get advice from adaptation experts; Request information from colleagues; Browse thousands of on-the-ground case studies, library resources, adaptation and climate change tools.

U.S. Climate Resilience Toolkit

www.climate.gov

NOAA's Climate.gov provides science and information for a climate-smart nation. It provides information to help make decisions on how to manage climate-related risks and opportunities. It includes a climate toolkit designed for citizens, communities, businesses, resource managers, planners, and policy leaders at all levels of government.

Adaptation Partners

www.adaptationpartners.org

Led by the U.S. Forest Service and other federal agencies, they use an all-lands approach to adaptation in collaboration with a diversity of other organizations and stakeholders. Their adaptation efforts are intended to inform sustainable management of natural resources, reduce the negative effects of climate change, transition ecosystems to a warmer climate, and help integrate climate change in natural resource management and operations. There is a library of up to date resources as well as several examples of projects.

The Intergovernmental Panel on Climate Change (IPCC)

<http://www.ipcc.ch/>

The IPCC is the leading international body for the assessment of climate change. It was established by the [United Nations Environment Programme \(UNEP\)](#) and the [World Meteorological Organization \(WMO\)](#) in 1988 to provide the world with a clear scientific view on the current state of knowledge in climate change and its potential environmental and socio-economic impacts. The recently completed Fifth Assessment Report is the most comprehensive assessment of climate change yet undertaken, produced by [hundreds of scientists](#) and three working groups.

The U.S. Global Change Research Program

2014 National Climate Assessment: <http://nca2014.globalchange.gov/>

PNW Assessment: <http://nca2014.globalchange.gov/report/regions/northwest>

The US Global Change Research Program, under the Office of Science and Technology Policy, coordinates and integrates research efforts on climate change and its societal impacts across 13 federal agencies. Beginning as a Presidential initiative in 1989, the USGCRP was later codified by Congress in the Global Change Research Act of 1990. Since then, the USGCRP has been working to advance climate science and the understanding of how global change affects society through interagency partnerships, working groups, and collaborations with experts.

The USGCRP contributes to and develops several different types of reports and assessments, the National Climate Assessment (NCA) being one of the most prominent. The NCA is produced every four years, with the most recent report released in 2014 ([links here](#)). The NCA describes climate impacts on different sectors and in eight regions, from the environment to human health, and describes mitigation and adaptation efforts around the Nation.