
Pacific Northwest Tribal Climate Change Network: Draft Conference Call Notes – February 17, 2016

Call Participants:

- Willie Begay, Forest Service Region 6
- Lexi Brewer, Future Wise
- Kelly Coates, Cow Creek Band of Umpqua Tribe of Indians
- Nikki Cooley, Institute for Tribal Environmental Professionals
- Meagan Flier, Confederated Tribes of Grand Ronde
- Oliver Grah, Nooksack Tribe
- George Hart, Navy Region NW
- Jennie Hoffman, Adaptation Insight
- James Holt, Nez Perce Tribe
- Carolyn Kelly, Quinault Indian Nation
- Linda Kruger, Forest Service PNW Research Station
- Jennifer Lennon, Sauk Suattle Tribe
- Kathy Lynn, University of Oregon
- Amelia Marchand, Confederated Tribes of the Colville Reservation
- Andrea Martin, Cascadia Consulting
- Guillaume Mauger, Climate Impacts Group
- Paul McCollum, Port Gamble S’Klallam Tribe
- Ryan Murphy, Point no Point Treaty Council
- Cindy Pearce, Mountain Labyrinths
- Candace Penn, Squaxin Island Tribe
- Melissa Poe, NOAA/Washington Sea Grant
- Cynthia Rossi, Point no Point Treaty Council
- Tara Satushek, Swinomish Tribe
- Steven Spencer, Shoalwater Bay Tribe
- Shane Vatland, Nez Perce Tribe

Table of Contents

Meeting Notes	2
Current Coastal Change Research/Management Projects and Priority Information Needs in Cook Inlet and Southeastern Alaska.	2
Climate Science Information Needs: http://goo.gl/forms/e2Qf3CY3v5	2
Squaxin Island Tribe – Summer Tribal Youth Program.....	3
General Updates	3
U.S. Fish and Wildlife Service Revised Native American Policy.....	3
Local Environmental Observer Network App Launch	3
Institute for Tribal Environmental Professionals Tribal Climate Change Training:	4
UO Climate Change and Indigenous Peoples Symposium - 4/25/2016:	4
Announcements	4
Media and Publications.....	5
Upcoming Events	6
Quick Links	9
Newsletters and Calendars	10

Upcoming PNW Tribal Climate Change Network Conference Call Dates

- March 16, 2016
- April 20, 2016
- May 18, 2016
- June 15, 2016
- July 20, 2016
- August 17, 2016
- September 21, 2016
- October 19, 2016
- November 16, 2016
- December 21, 2016

Call-in Information:

- Call Time: 10:00 am Pacific
- Call-in #: 1-888-844-9904
- Pass code: 5064716

Adobe Connect web

meeting: <http://oregonstate.adobeconnect.com/tribalclimate/>

Meeting Notes

Current Coastal Change Research/Management Projects and Priority Information Needs in Cook Inlet and Southeastern Alaska.

The goal of this effort is to identify current coastal research and management projects taking place in this region. Once identified, ACCAP will synthesize the information into a report that documents the 'project landscape' for communities facing change, decision-makers navigating change, researchers pursuing projects, and agencies prioritizing where to allocate resources. *Long term goals are to:* (1) to foster coordination about coastal change research in Alaska, (2) help practitioners and scholars learn from one another, and (3) identify research gaps that need to be addressed. *Short term goals:* (1) to create a coastal change database that compiles current coastal change research occurring in Cook Inlet and South East Alaska; (2) to produce a report that compiles current coastal change research occurring in the above geographic region, and (3) update existing coastal change project resources for the Western Alaska LCC.

Objectives:

1. identify current research projects through existing databases and web-searches,
2. expand this list through conversations with individuals knowledgeable about research in the region,
3. confirm the list with help from key experts in the region,
4. compile information on each project,
5. synthesize information in a readable and useful resource, and
6. disseminate project results.

ACCAP is interested in information about ongoing projects and projects that have started or ended in the last five years, including the project title, description/abstract, investigator(s) contact information, institution, geographic scope, duration and funding amt./source. For more information or to contribute information, contact Michaela Swanson at m.swanson@alaska.edu or (907) 474-7955.

Climate Science Information Needs: <http://goo.gl/forms/e2Qf3CY3v5>

Andrea Martin with Cascadia Consulting presented information about a project they are engaged with the Port Gamble S'Klallam Tribe and Northwest Indian Fisheries Commission. The goal of the project is to better understand gap between the research topics and findings of climate scientists from issues such as the existence of information and enough resolution in the data and the needs and priorities of tribes who are seeking to better understand and respond to their Tribe's climate vulnerabilities. To try to address and close this gap, Cascadia Consulting Group has been working with the Port Gamble S'Klallam Tribe and the Northwest Indian Fisheries Commission to develop and implement a survey of tribal research needs.

The goal of the survey is to present tribes with the opportunity to communicate their research needs so that ultimately they can be communicated to regional climate researchers, scientists, and other experts. Cascadia Consulting administered an initial version of the survey through the most recent meeting of Northwest Indian Fisheries Commission tribes to gauge the needs of tribes in the Puget Sound and Western Washington region. They received responses from the initial survey and are now interested in hearing from more tribes across a broader geographic area to glean a better understanding of regional needs and trends.

To make sure that the survey accurately represents the needs of tribes throughout the region, they are asking for more input from tribal organizations and representatives. It is a short survey of less than 10 questions and on an easy-to-complete Google form. Responses will be shared with climate science organizations across the region, including the Climate Impacts Research Consortium (CIRC), the NW Climate Science Center, and the North Pacific Landscape Conservation Cooperative (NPLCC). Our hope is that scientists will consider research priorities articulated through the survey when designing and communicating research projects.

Please submit your responses within one week from today (by February 24th). If you have any questions, don't hesitate to contact Andrea Martin at andream@ascadiaconsulting.com or Kathy Lynn at kathy@uoregon.edu.

An important aspect of this survey is that it is a starting point in an ongoing conversation, as opposed to a one-time handing over of research questions.

The Survey is available here: <http://goo.gl/forms/e2Qf3CY3v5>

Squaxin Island Tribe – Summer Tribal Youth Program

At the end of the call, Candace Penn asked if anyone had an interest in being a climate change speaker/educator for their summer tribal youth program? Candace can email more information if you are interested or would like to forward the information to others. Contact Candace at: cpenn@squaxin.us.

General Updates

U.S. Fish and Wildlife Service Revised Native American Policy.

The revised Native American Policy guides broader, more open and collaborative dialogue and working relations between the Service and federally recognized tribes and Native Alaskans. The updated policy is designed to sustain effective partnerships that are crucial to meeting the Service's and tribes' joint responsibilities as stewards of the nation's natural and cultural resources. The revised policy provides a consistent, yet flexible national framework that encourages efficient and creative ways to maximize tribal resource conservation through improved federal-tribal working relationships. It puts stronger emphasis on co-management and collaborative management of natural and cultural resources; places added emphasis on implementation and accountability; promotes building tribal capacity, the use of tribal knowledge in the Service's decision-making, and greater Service and tribal training and education; and enhances collaborative Service-tribal law enforcement efforts where possible. To view the final revised policy, visit the Service's website at <http://www.fws.gov/policy/510fw1.html>.

Local Environmental Observer Network App Launch

The LEO Network was launched at the Alaska Forum for the Environment in 2012. Now, four years later, LEO has grown to over 500 members across Alaska, and with growing membership in Canada and the Lower 48. LEO Members have posted hundreds of observations and provided technical consults on a wide range of topics. From unusual weather to invasive species, from coastal erosion to the emergence of new illnesses, from harvest failures to amazing abundance of wildlife and food resources. With each new observation, we learn of a personal story about our changing world. Stories from local experts that are grounded in local and traditional knowledge. What drives LEO is a network of people who care

deeply about their community, and are willing to share their knowledge to increase understanding and to find answers. The [LEO Network Website App](#) and the [mobile device apps for iPhone and Android](#) are LAUNCHED and available at both the Apple App Store and Google Play Store. These new tools provide greatly improved features for posting observations, providing consults, and searching and analyzing data. They also allow posting of observations off-line, from anywhere in Alaska, and indeed anywhere in the world. For more information, visit: <http://www.leonetnetwork.org/>.

A story on the launch in the Alaska Public Media is available here:

<http://www.alaskapublic.org/2016/02/15/leo-program-launches-new-app-connecting-observers-experts/>

Institute for Tribal Environmental Professionals Tribal Climate Change Training:

ITEP offers training to tribal environmental professionals to build their capacity to address climate change issues. The courses are taught by instructional teams that include staff from ITEP, federal agencies, universities, and/or organizations, and most importantly, the tribes themselves, who share their expertise and experience. Upcoming training events are listed here and in the events list below: http://www7.nau.edu/itep/main/Training/training_cc

4th Climate Change and Indigenous Peoples Symposium at the University of Oregon

The University of Oregon will host the 4th Climate Change and Indigenous Peoples Symposium on Monday, April 25, 2016 at the Many Nations Longhouse. Keynote speakers are Maxine Burkett, William S. Richardson School of Law at the University of Hawai'i at Manoa and Elizabeth Kronk Warner, University of Kansas School of Law. More information is available here: <http://ccip.uoregon.edu>.

Announcements

Bureau of Indian Affairs – [Forestry and Fire Internships](#)

The Bureau of Indian Affairs is the lead agency for the United States in carrying on a government-to-government relationship with the tribal nations. A challenging and dynamic place to work, it enhances the quality of life, promotes economic opportunity, and carries out the responsibility to protect and improve the trust assets of American Indians, Indian tribes and Alaska Natives. This position is being filled under the Pathways Internship Program that is designed to attract students with paid opportunities to work in agencies and explore Federal careers while still in school.

The Pathways Internship Program is a streamlined program which replaces the Student Education Employment Program (SEEP) by consolidating the Student Career Experience Program (SCEP) and the Student Temporary Employment Program (STEP). The Program is designed to attract students enrolled in a wide variety of educational institutions (high school, home-school programs, vocational and technical, undergraduate and graduate) with paid opportunities to work in agencies and explore Federal careers while still in school. This program exposes students to jobs in the Federal civil service by providing meaningful development work at the beginning of their career, before their career paths are fully established. These positions are expected to begin **SUMMER 2016**. Positions to be filled are Student Trainees in Forestry. More information is available here:

<https://www.usajobs.gov/GetJob/ViewDetails/429713100>

2016 Science to Action Fellowship for Graduate Research:

Open for Applications! The National Climate Change and Wildlife Science Center, in partnership with Michigan State University, is accepting applications for the 2016 Science to Action Fellowship. Two fellowships of \$10,000 will be awarded to policy-relevant research projects that investigate climate change impacts on fisheries and/or wildlife. Graduate students in Michigan State's Department of Fisheries and Wildlife or at any Climate Science Center consortium institution are invited to apply. **The application deadline is March 15, 2016.**

EPA Course: Understanding Climate Change Impacts on Water Resources.

This training module is designed to increase your understanding of the causes of climate change, its potential impacts on water resources, and the challenges water resource managers are facing. The course contains three parts which will take about 45 minutes to complete. Optional supplementary information on climate change impacts in the United States is included at the end of the course if you are interested in more details.

<http://www.epa.gov/watershedacademy/understanding-climate-change-impacts-water-resources>

Media and Publications

Across the Board Increases for Obama's Indian Country Budget

"President Barack Obama submitted his Fiscal Year 2017 proposal to Congress yesterday, and the budget has increased funding and support across the board for Indian country." Read more at <http://indiancountrytodaymedianetwork.com/2016/02/10/across-board-increases-obamas-indian-country-budget-163371>

Biloxi-Chitimacha-Choctaw Get \$48 Million to Move Off of Disappearing Louisiana Island.

"...the U.S. Department of Housing and Urban Development (HUD) announced in January that it had awarded the state-recognized tribe \$48 million to pay for a move, most likely farther north inland, making them the first community of official climate refugees in the United States."

Read more at <http://indiancountrytodaymedianetwork.com/2016/02/05/biloxi-chitimacha-choctaw-get-48-million-move-disappearing-louisiana-island-163310>

Faces Behind Figures: A Counter Narrative of the Refugee Crisis

<https://hazards.colorado.edu/article/faces-behind-figures-a-counter-narrative-of-the-refugee-crisis>

Ecologically-Relevant Maps of Landforms and Physiographic Diversity for Climate Adaptation Planning

Abstract: Key to understanding the implications of climate and land use change on biodiversity and natural resources is to incorporate the physiographic platform on which changes in ecological systems unfold. Here, we advance a detailed classification and high-resolution map of physiography, built by combining landforms and lithology (soil parent material) at multiple spatial scales. We used only relatively static abiotic variables (i.e., excluded climatic and biotic factors) to prevent confounding current ecological patterns and processes with enduring landscape features, and to make the physiographic classification more interpretable for climate adaptation planning. We generated novel spatial databases for 15 landform and 269 physiographic types across the conterminous United States of

America. We examined their potential use by natural resource managers by placing them within a contemporary climate change adaptation framework, and found our physiographic databases could play key roles in four of seven general adaptation strategies. We also calculated correlations with common empirical measures of biodiversity to examine the degree to which the physiographic setting explains various aspects of current biodiversity patterns. Additionally, we evaluated the relationship between landform diversity and measures of climate change to explore how changes may unfold across a geophysical template. We found landform types are particularly sensitive to spatial scale, and so we recommend using high-resolution data- sets when possible, as well as generating metrics using multiple neighborhood sizes to both minimize and characterize potential unknown biases. We illustrate how our work can inform current strategies for climate change adaptation. The analytical framework and classification of landforms and parent material are easily extendable to other geographies and may be used to promote climate change adaptation in other settings. To download the article, [click here](#).

Upcoming Events

February 22, 2016. 8:30 – 4:30 Pacific. [Hazard Change caused by Climate Change Workshop](#). Vancouver, BC. [The Centre for Natural Hazard](#) Research at Simon Fraser University will host a workshop co-organized with the SFU Adaptation to Climate Change Team and Natural Resources Canada to stimulate a national discussion about weather-caused and -triggered hazards that are changing in a warming world.

February 23, 2016. 11 am Pacific. Webinar: [Evaluating Scenario Planning to Understand Climate Change](#). Our world is changing -- but it can be hard to predict the exact timing and extent of the impacts. One way to deal with the uncertainty associated with shifting climate and varied human responses is to explore a range of possible futures via scenarios planning, based on input and participation from a diverse group comprised of the people most affected. How and when can this method be used as a tool for long-term planning? A case study from the National Park Service and the Scenarios Network for Alaska and Arctic Planning offers some insights into what works, how we can improve communication, and how we can move forward.

February 23-26, 2016. Conference: [Sagebrush Ecosystem Conservation: All Lands, All Hands, Salt Lake City, UT](#). Joint conference of the Great Basin Consortium and a WAFWA-sponsored sagebrush science and management meeting. <http://sagebrushconference2016.org/index.cfm>

March 1, 2016. 11 am Pacific. [Public Health Perspectives in the Hazard and Disaster Field](#). The [Bill Anderson Fund](#) Student Advisory Council announces the first installment of its 2016 Hazard and Disaster Mitigation Professional Development Webinar Series. The upcoming webinar will focus on issues relating to public health and environmental justice from a variety of disciplinary perspectives within the disaster arena. To register, visit: <https://attendeegotowebinar.com/register/810554847104673540>

March 1, 2016. 12:00 pm Pacific. Webinar: [Development and Implementation of a Regional Tribal Engagement Strategy](#). Speaker: April Taylor, Sustainability Scientist, Chickasaw Nation, Choctaw Nation of Oklahoma, South Central Climate Science Center. Sixty-eight tribes are located in the South Central CSC (SCCSC) region. Since its inception, the SCCSC has made it a priority to partner with tribes, and both the Chickasaw Nation and the Choctaw Nation of Oklahoma participate in the center's activities as consortium members. The SCCSC employs a full-time tribal liaison, April Taylor, to facilitate relations

with the tribes, develop partnerships for climate-relevant projects, build tribal stakeholder capacity, and organize tribal youth programs. In the webinar, April Taylor will outline the multiple steps in the SCCSC's Tribal Engagement Strategy and provide examples of their ongoing work in support of each step. To register, [click here](#).

March 8, 2016. 11 am Pacific. Conference: [Human Rights & Climate Change in the Arctic](#). Governing individual and collective behavior, including the conduct of state and federal governments, is central to addressing both the causes and the impacts of climate change. A critical understanding of the complexities, challenges and opportunities raised by the policy regime for mitigating and adapting to climate change will be highly relevant for tribal government's and communities who seeks to play a role in moving Alaska towards mitigating and adapting to change. This webinar is part of the [Alaska Policy & Climate Adaptation Webinar Series](#).

March 8-10, 2016. Conference: [Tribal Green Summit 2016. Snoqualmie Casino](#). All are invited who are involved with resource management, community planning, housing, landscapes and on-the-ground projects who want to gain and share a greater understanding for sustainable built environments. **Call for Presenters:** We are seeking presenters, posters and/or displays in the field of tribal green building, waste reduction and recycling, habitat restoration and sustainability. We are especially seeking examples of projects in tribal communities. Hosted by the Snoqualmie Indian Tribe with support from Tribal Solid Waste Advisory Network (TSWAN) and funded by the Environmental Protection Agency (EPA). For more information, contact: Cindy Spiry cindy@snoqualmietribe.us or Kami Snowden ksnowden@tswan.org or visit: <https://www.nwclimatescience.org/events/2016-tribal-green-summit>.

March 9-11, 2016. [Agriculture in a Changing Climate Workshop](#). Kennewick, WA. Washington State University's Center for Sustaining Agriculture & Natural Resources (CSANR), USDA Northwest Regional Climate Hubs, and the Regional Approaches to Climate Change for Pacific Northwest Agriculture (REACCH) team invite you to participate in this upcoming workshop. There will be dedicated mitigation and adaptation sessions, with an overlapping poster networking event.

March 23, 2016. 10 am Pacific. Webinar: [The Importance of Traditional Ecological Knowledge in Adaptation Planning](#). Join us March 23, 2016, 1PM EST/ 10AM PST for the quarterly National Adaptation Forum Webinar to learn about the importance of Traditional Ecological Knowledge (TEK) in climate adaptation planning. TEK is knowledge handed down through generations through traditional stories and beliefs, including the relationship with the natural environment. This webinar will focus on the importance and role of TEK in adaptation planning at local, regional, and national level. Presenters are: Margaret Hiza Redsteer, US Geological Survey, Preston Hardison, Policy Analyst, Tulalip Natural Resources, and Kyle Powys Whyte, Timnick Chair in the Humanities, Michigan State University. page: <http://nationaladaptationforum.org/other-adaptation-events/webinars/importance-traditional-ecological-knowledge-adaptation-planning>

March 22-24, 2016. [14th Annual Climate Prediction Applications Science Workshop](#). Burlington, VT. The 14th Annual Climate Prediction Applications Science Workshop (CPASW) will bring together a diverse group of climate researchers, information producers, and users to share developments in the research and applications of climate predictions for societal decision-making. The 2016 CPASW is hosted by the NOAA National Weather Service Climate Services Branch, University of Vermont, and other climate services partners. <http://www.uvm.edu/~cpasw/>

March 23-26, 2016. Conference, [Northwest Scientific Association Annual Meeting](#). Bend, OR. Special Sessions include a Fire Symposium, Historical and Pre-Historical Ecosystem Baselines, Convergence of Arts, Humanities, and Ecology in the Inspiring Wildlands of the Northwest, Lichen & Bryophyte Ecology and a Workshop on Rare, Threatened, Endangered Lichens East of the Cascades.

April 12, 2016. Conference: [2016 National Watershed & Stormwater Conference](#). Sacramento, CA.

April 13, 2016. 11 am Pacific. [Environmental Code Development for Alaska Natives](#). *Presentation by Toby Thaler, Policy Director, Model Forest Policy Program/Climate Solutions University.* Presentation focusing on policy tools available to Tribal communities in Alaska to further their goals of long term resilience to climate and other stressors, while at the same time promoting Tribal sovereignty and strengthening their ability to participate in government to government relationships with state and local agencies. One such tool—adoption of environmental and resource codes—will be explored in some depth including use of examples from communities around the country. *Presentation by Toby Anungazuk, IGAP Program Manager, Chinik Eskimo Community.* Presentation will focus on the risks presented to local communities from the transshipment and storage of hazardous waste. In rural Alaska there are often no alternative to the use of Native village marine transshipment facilities. With increasing risks of storm surges causing flooding and spills, it is incumbent on Tribal governments to develop their own environmental laws to protect their communities. These laws must be developed in collaboration with affected state and federal agencies, and the owners of transshipped hazardous materials. This webinar is part of the [Alaska Policy & Climate Adaptation Webinar Series](#).

April 19-21, 2016. Tribal Climate Change Adaptation Training. Anchorage, AK. Hosted by the Institute for Tribal Environmental Professionals and in collaboration with the Alaska Native Tribal Health Consortium. This course provides an introduction to planning for climate change impacts, with examples of tribes that have been going through the adaptation planning process. The course is intended for tribal environmental and natural resource professionals who expect to be involved in climate change adaptation planning. Since the course will focus on climate change impacts in the region, we especially encourage people from the region to attend. More information about the course is available here: <http://www7.nau.edu/itep/main/docs/training/cc/Ancmt-CCAdaptAK-1604.pdf>.

April 25, 2016. Symposium: 4th Climate Change and Indigenous Peoples Symposium. Eugene, OR. The University of Oregon will host the 4th Climate Change and Indigenous Peoples Symposium on [Monday, April 25, 2016](#) at the Many Nations Longhouse. Keynote speakers are Maxine Burkett, William S. Richardson School of Law at the University of Hawai'i at Manoa and Elizabeth Kronk Warner, University of Kansas School of Law. More information is available here: <http://ccip.uoregon.edu>.

April 26-28, 2016. Tribal Climate Change Adaptation Training. Fort Hall, ID. Hosted by the Institute for Tribal Environmental Professionals. This course provides an introduction to planning for climate change impacts, with examples of tribes that have been going through the adaptation planning process. The course is intended for tribal environmental and natural resource professionals who expect to be involved in climate change adaptation planning. Sin More information about the course is available here: http://www7.nau.edu/itep/main/Training/training_ccAdaptPIng

May 3-6, 2016. Course: [Indoor Air Quality Diagnostic Tools for Alaska](#). Palmer, Alaska. *This course is open to Alaska Native Village staff only.* Pre-registration date: April 5, 2016. Course Description: This Level 2 course will bring together village environmental, housing, and facilities staff to learn how to use diagnostic equipment as a tool to assess indoor air quality (IAQ). After completing this course,

participants will be able to use diagnostic equipment and interpret data to assess a home and educate the occupants about a healthful indoor environment. The course is structured as an intensive training that uses multiple approaches to learning: lecture/discussion, hands-on, and site visits.

http://www7.nau.edu/itep/main/Training/training_aq_iagdtak

May 17-19, 2016. [National Tribal Forum on Air Quality \(NTF\)](#). Niagara Falls, NY. The purpose of the NTF is to provide environmental professionals from tribes, EPA, and other organizations an opportunity to meet and discuss current policies, regulatory initiatives, funding, and technical topics in air quality. The NTF is a cooperative endeavor co-sponsored by The Institute for Tribal Environmental Professionals (ITEP) and the National Tribal Air Association (NTAA), made possible by funding from US EPA and sponsorships from the entities listed below. For information on giving a presentation or a poster, or being part of the Eco-Café Exhibit and Networking Session, visit:

http://www7.nau.edu/itep/main/Conferences/confr_ntf and click on “presenters.”

May 2016. 11 am Pacific. [Water Policy & Climate Change for Alaska Natives](#). Presentation by Robert Anderson, Oneida Indian Nation Visiting Professor Harvard Law School. Provides environmental professionals and Alaska Native communities with an overall understanding of how water policies, regulation, and laws apply to Alaska Native communities and can be utilized to find solutions to environmental challenges. This webinar is part of the [Alaska Policy & Climate Adaptation Webinar Series](#).

June 7-9, 2016. Tribal Climate Change Adaptation Training. Pala, CA. Hosted by the Institute for Tribal Environmental Professionals. This course provides an introduction to planning for climate change impacts, with examples of tribes that have been going through the adaptation planning process. The course is intended for tribal environmental and natural resource professionals who expect to be involved in climate change adaptation planning. More information this training and how to register will be made available on the ITEP website soon: http://www7.nau.edu/itep/main/Training/training_cc.

Quick Links

- [PNW Tribal Climate Change Project & Online Funding Guide](#)
- [Institute for Tribal Environmental Professionals \(ITEP\) Tribes and Climate Change Program](#)
- [Columbia River Intertribal Fish Commission](#)
- [Northwest Indian Fisheries Commission](#)
- [Affiliated Tribes of Northwest Indians](#)
- [Alaska Native Tribal Health Consortium LEO Network](#)
- [U.S. Climate Resilience Toolkit](#)
- [Northwest Climate Science Center](#)
- [North Pacific LCC](#)
- [Great Basin LCC](#)
- [Great Northern LCC](#)
- [USDA Climate Hubs](#)
- [Northwest Climate Hub](#)
- [EPA Climate Change Programs](#)
- [Climate Adaptation Knowledge Exchange](#)
- [USDA Forest Service Climate Change Resource Center](#)

NEWSLETTERS AND CALENDARS

- [ITEP Newsletter](#)
- [ITEP Tribes and Climate Change Calendar](#)
- [NW Climate Magazine](#)
- [NW CSC Calendar](#)
- [North Pacific LCC Calendar](#)