
Pacific Northwest Tribal Climate Change Network: Email Bulletin and Conference Call Notes – July 19, 2017

Call Participants:

- Lucas Bair, Spokane Tribe
- Arwen Bird, Woven Strategies
- Gustavo Bisbal, Northwest Climate Science Center
- Marnie Boardman, Washington Dept. of Health
- Danae Burke, ATNI Intern/CRITFC
- Haley Case-Scott, ATNI intern/PNW TCCP
- Malia Collins, ATNI Intern/BIA
- Stacy Clauson, Samish Indian Nation
- Steven Daley-Larsen, University of Idaho
- Helena Deswood, SW Climate Hub
- Tom Downey, Siletz Tribe
- Laura Gephart, Columbia River Intertribal Fish Commission
- Melanie Hess, ATNI intern/North Pacific LCC
- Dana Hyland, Environmental Protection Agency
- Chas Jones, Northwest Climate Science Center
- Carolyn Kelly, Quinault Indian Nation
- Stefanie Krantz, Nez Perce Tribe
- Meade Krosby, UW Climate Impacts Group
- Linda Kruger, USDA Forest Service PNWRS
- Aurora Lehr, FEMA Region 10
- Kathy Lynn, University of Oregon
- John Mankowski, North Pacific LCC
- Amelia Marchand, Colville Tribes
- Phil North, Tulalip Tribes
- Sherry Palacios, NASA Ames Research Center
- Sascha Petersen, Adaptation International
- Melissa Poe, Washington Sea Grant
- Holly Prendeville, NW Climate Hub
- Lynn Rae, UA/Native Nations Climate Adaptation Program
- Lorenda Richardson, Colville Tribes
- Julie Simpson, Nez Perce Tribe
- Steve Spencer, Shoalwater Bay Tribe
- Naasha Tallman, USDA Forest Service PNWRS Intern
- Leah Whitman, Washington Dept. of Health
- Fletcher Wilkinson, ITEP
- Emily Wright, Cascadia Consulting
- Emily York, Oregon Climate Health Program, Oregon Health Authority

2017 PNW TCCP Calls:

- August 16, 2017
- September 20, 2017
- October 18, 2017
- November 15, 2017
- December 13, 2017

Conference Call Information:

Call Time: 10:00 am Pacific
Toll-Free: 888-844-9904
Access Code: 5064716
Adobe Connect web meeting:
<http://oregonstate.adobeconnect.com/tribalclimate>

Table of Contents

Conference Call Notes	2
ATNI Summer Tribal Climate Change Interns	2
NW Climate Science Center/Affiliated Tribes of Northwest Indians Tribal Liaison	2
Tribal Climate Camp.....	2
Clean Energy Jobs Bill in Oregon.....	3
Appropriations Committee Approves Fiscal Year 2018 Interior and Environment Bill.....	3
Announcements	4
Job Opportunities.....	6
Upcoming Events.....	7
Quick Links	11
Newsletters and Calendars	11

Conference Call Notes

ATNI Summer Tribal Climate Change Interns

The Affiliated Tribes of Northwest Indians has hired six interns for summer 2017 to work on climate change research, policy and projects. Each intern has been placed with a host organization in the region:

- Coy Harwood, Great Northern Landscape Conservation Cooperative
- Haley Case-Scott, Pacific Northwest Tribal Climate Change Project
- Malia Collins, Bureau of Indian Affairs Northwest Region
- Kelsey Forman-Bunting, Bureau of Indian Affairs Northwest Region
- Danae Burck, Columbia River Intertribal Fish Commission
- Melanie Hess, North Pacific Landscape Conservation Cooperative

NW Climate Science Center/Affiliated Tribes of Northwest Indians Tribal Liaison

Gustavo Bisbal, director of the Northwest Climate Science Center introduced Chas Jones, the tribal liaison for the Northwest Climate Science Center. Gustavo mentioned that there are seven tribal liaisons across the country stationed with different Climate Science Centers. Chas shared background information about his experience and interests during the call. His bio is provided below, and is also available on the Northwest CSC website:

<https://www.nwclimatescience.org/chas-jones>. “*Chas is an interdisciplinary expert in the dynamic interactions between climate, water, ecology, and society. He acquired his Ph.D. in Hydrology from the University of Alaska, where he incorporated traditional knowledge and science to assess exposure of indigenous people to the impacts of climate change. In his postdoctoral research at the E.P.A., he assessed hydrologic vulnerability to climate across the continental U.S. He has also worked as an environmental consultant to develop river and riparian restoration plans to benefit endangered species, during which he developed collaborative partnerships with tribal, local, state, and federal agencies, private business, and academic institutions in the southwestern U.S. Chas also acquired a M.S. in Environmental Science and Policy and a B.S. in Biology from Northern Arizona University, where he studied the ecological impacts of dams and the potential restoration of rivers through the removal of dams.*”

Chas shared his interest in building his understanding of the climate change concerns and needs in the region and looks forward to being in contact with tribes in the Pacific Northwest. His email is cejones@usgs.gov and his phone number is 541-750-1023.

Tribal Climate Camp

Steven Daley-Larsen, University of Idaho, presented information on the Tribal Climate Camp, which is organized through a collaboration of Tribal and Non-tribal partners. The Affiliated Tribes of Northwest Indians (ATNI), Institute for Tribal Government (ITG), United South and Eastern Tribes (USET), and the Department of the Interior's (USDI) Northwest Climate Science Center (NW CSC) and Bureau of Indian Affairs (BIA) are collaborating to offer Tribal Climate Camp (TCC) to support teams of tribal leaders, climate change coordinators, planners, and program managers to build skills, gather information, and develop tribal policy needed to address climate change impacts. Steven shared the learning objectives for the 2nd Tribal Climate Camp, which will take place July 30 – August 4, 2017. TTCC Learning Objectives include:

1. Create awareness of the variety of ways in which the Tribes of the attending teams can address climate change.
2. Build capacities to use knowledge resources in climate-related sciences (social, cultural, biological, physical) applicable to Tribal programming that is flexible enough to deal with constant environmental change.
3. Engender staff capacity for improving Tribal climate change programming.
4. Develop synergy with Tribal members for creating adaptation planning that includes building support within a Tribe for climate change planning processes, including:
 - a. Methodologies for engaging community members, including youth and elders
 - b. Approaches for engaging Tribal institutions including Tribal councils
 - c. Ethical conduct in climate science research
 - d. Evaluating climate change program

For more detailed information on the Tribal Climate Camp learning objectives, outcomes and curriculum, contact Steven Daley-Larsen at stevendl@uidaho.edu and Arwen Bird at arwen@wovenstrategies.com. Information on the 2016 Tribal Climate Camp is available here: www.tribalclimatecamp.org and information on the 2017 camp is available here: <http://www.atntribes.org/atni-climate-change-project>.

Clean Energy Jobs Bill in Oregon

Shilpa Joshi with Renew Oregon presented on the Clean Energy Jobs Bill in Oregon. Several bills were put forward in the 2017 legislative session and Shilpa described some of the history and considerations that went into a decision to focus on cap, price and invest. In the closing days of the 2017 legislative session, Senate Bill 1070 was put forward: <https://olis.leg.state.or.us/liz/2017R1/Downloads/MeasureDocument/SB1070>.

Renew Oregon has been working with partners statewide to champion a policy that will:

- **Cap:** Limit climate pollution statewide for emitters of 25,000 tons of greenhouse gases per year, about the equivalent of burning 133 train cars fuel of coal. In other words, your favorite brewery or the store down the street will not fall under the cap, only the largest polluters in the state. The cap will decline over time through 2050 to ensure we reach our reduction targets and provide certainty for business.
- **Price:** The largest polluters will pay for every ton of climate pollution they put into our air. The price is stable and adjusted over time to ensure the cap is not exceeded giving polluters incentive to cut emissions and allowing flexibility to do so efficiently and at least cost.
- **Invest:** At least \$700 million per year in proceeds will be reinvested in clean energy solutions -- like affordable solar, energy efficient homes and businesses, transportation, electric vehicles, and healthier communities. Major investment will go to reduce pollution and grow opportunities for low-income and rural communities, communities of color, and impacted workers in Oregon. Equity and a just transition to clean energy are central to the policy.

Shilpa shared that there is growing support for the Clean Energy Jobs bill, and a few days after the end of session, Oregon Governor Brown suggested that she was looking forward to passing the clean energy jobs bill in 2018. (See *Portland Business Journal Article: <https://www.bizjournals.com/portland/news/2017/07/14/why-gov-kate-brown-will-tackle-a-climate-bill-in.html>*) Renew Oregon and partners will be convening a variety of interests around the state and Shilpa will share a schedule of meetings that committee staff (for the Senate Committee on Environment and Natural Resources) are working on now. Renew Oregon has a number of interns and fellows working on statewide outreach this summer. Two ATNI Climate Change Interns, Danae Burke and Haley Case-Scott, will be working with Renew Oregon on outreach to the nine federally-recognized tribes in Oregon.

Renew Oregon has created a 2-page summary of the Clean Energy Jobs Bill, as well as a document on Clean Energy Jobs Principles. These PDFs are attached to the email with these notes, or can be accessed by emailing Shilpa at: shilpa@reneworegon.org. Shilpa can also mail hard copies of these materials to anyone who is interested.

Appropriations Committee Approves Fiscal Year 2018 Interior and Environment Bill

On July 18, 2017, the House Appropriations Committee approved the fiscal year 2018 Interior and Environment Appropriations bill on a vote of 30-21. The legislation includes funding for the Department of the Interior, the Environmental Protection Agency (EPA), the Forest Service, the Indian Health Service, and various independent and related agencies.

- For a summary of the bill, visit:
<https://appropriations.house.gov/news/documentsingle.aspx?DocumentID=394981>
- For the text of the bill, visit: https://appropriations.house.gov/uploadedfiles/fy18_interior_xml.pdf
- For the bill report, visit: <https://appropriations.house.gov/uploadedfiles/23918.pdf>

We will discuss implications of this bill to tribal climate change programs, including those funded through the Cooperative Landscape Conservation Program, BIA and the Environmental Protection Agency during the August Network call.

Announcements

University of Washington Tribal Climate Technical Support Desk

Meade Crosby with the UW Climate Impacts Group gave a brief overview of the Tribal Climate Technical Support Desk, which will respond to as-needed tribal queries regarding the vulnerability assessment and adaptation process. This service is relevant and available to approximately 90 tribes within Northwest and Great Basin geographies. The support desk is supported by funding from the Northwest Climate Science Center and the Great Basin Landscape Conservation Cooperative. Meade shared that in the next week or two, Climate Impacts Group will be sending an email to tribal leadership and tribal staff with information about the project and discuss the geographies that tribes would be most interested in accessing down-scaled climate data for. For more information on the Tribal Technical Support Desk and the [*Building Tribal Capacity for Climate Change Vulnerability Assessment*](#) project, visit: <https://cig.uw.edu/resources/tribal/> or contact Meade Crosby at: mkrosby@uw.edu.

4th National Climate Assessment

Sascha Peterson provided a brief update on the National Climate Assessment review process. All chapters have been submitted for internal review, and are slated for public review and comment during fall 2017. Kathy suggested that we could allot time during the August or September calls to preview the Northwest National Climate Assessment Chapter and the Tribal National Climate Assessment chapter in advance of and preparation for the public comment and review process. For more information on the 4th National Climate Assessment, visit: <http://www.globalchange.gov/nca>

Changing Currents: Our Water from Summit to Sea: Intertribal Water Forum

Changing Currents: [Our Water from Summit to Sea: Intertribal Water Forum](#) will take place in Eugene, Oregon August 2-3, 2017. Registration is opened for the Tribal Water Summit and information and a schedule of events is available online at <https://www.changingcurrents.org/>. Questions about the event can also be directed to Micah McCarty at MMcCarty@mstllc.com.

Climate and Health Updates

Marnie Boardman shared that the American Public Health Association has made July Agriculture and Food Safety and Security Month. <https://www.apha.org/topics-and-issues/climate-change/agriculture>. A webinar will be held on July 27 at 1 pm Eastern and will include a presentation by Janie Simms Hipp, Founding Director of the Indigenous Food and Agriculture Initiative. More information can be found here: <https://zoom.us/webinar/register/c4556ca36886c779cde7dc3c8da9331e>

Marnie also shared information on the Northwest Climate and Health Network, which is co-hosted by the [Oregon Climate and Health Program, OHA's Preparedness, Surveillance, and Epidemiology Team](#) and the [Washington Department of Health's Climate and Health Program](#). To sign up for the NW Climate Health listserve, visit: <http://listserv.osl.state.or.us/mailman/listinfo/nw-climate-and-health>. The next NW Climate and Health Network webinar is scheduled for July 26 at 2 pm Pacific. Registration for the webinar is online here: <https://register.gotowebinar.com/register/8701183560301808130>.

Several participants on the call expressed interest in deeper discussion about issues related to climate change and health. We will include this as a topic on our next Network call.

Request for Information: Bureau of Ocean Energy Management (BOEM).

The Bureau of Ocean Energy Management (BOEM) is seeking initial public comment on the development of a new national plan to issue oil and gas leases on the nation's Outer Continental Shelf

(OCS). An announcement of a new National OCS Oil and Gas Program was made on June 28 by the President. A Request for Interest (RFI) was published Monday, July 3 in the Federal Register. *The RFI comment period is open for 45 days through August 17, 2017.* BOEM is seeking initial public comment on the development of a new national plan to issue oil and gas leases on the nation's Outer Continental Shelf (OCS). This is the first step in a multi-step public process, giving states, tribes, industry, environmental groups, and other citizens and stakeholders the opportunity to comment on the overall offshore oil and gas leasing program. In addition to comments on oil and gas development, BOEM is asking for comment on environmental issues and other economic issues in these areas, including navigation, fisheries, and alternative energy development such as wind and wave energy. The RFI is available at: <https://federalregister.gov/d/2017-13998>. The press release by the Department of the Interior can be found here: <https://www.doi.gov/pressreleases/president-trump-and-secretary-zinke-open-comment-period-new-5-year-national-offshore>. The Bureau of Ocean Energy Management (BOEM) website has FAQs and information on the new program at: <https://www.boem.gov/National-OCS-Program/>

2017 Southwestern Tribal Climate Change Summit, September 19-21, 2017, University of San Diego, San Diego, CA.

The 2017 Southwest Tribal Climate Change Summit aims to provide environmental professionals from regional tribes, and other organizations an opportunity to meet and discuss strategies to respond to current policies, regulatory initiatives, and technical topics in responding to climate change impacts. The summit is a cooperative endeavor co-sponsored by the La Jolla Band of Luiseño Indians, the University of San Diego's Climate Education Partners (CEP), the Institute for Tribal Environmental Professionals (ITEP) and the Climate Science Alliance (CSA), and is made possible by support and funding from the U.S. Bureau of Indian Affairs (BIA) Tribal Resilience Program. We will continue to update this website, and send out updates via email, ITEP newsletter and online event calendar, so be sure to check back often. http://www7.nau.edu/itep/main/tcc/Home/swtcc_Summit

Call for Session Abstracts! American Geophysical Union meeting in New Orleans, LA December 11-15, 2017. *Deadline: August 2, 2017.* Session Title: Indigenous and Climate Science Partnerships: Developing Pathways from Knowledge to Collaborative Actions. The session will bring together partners in collaborative research to demonstrate the deep value of cross-cultural work in developing pathways from knowledge - Indigenous and scientific - to meaningful collaborative action. The session is an opportunity to demonstrate the power of this type of collaborative work, which draws on diverse intellectual backgrounds, at the AGU meetings - the largest convention of scientists and practitioners in the world. For more information or questions, please contact Heather Lazarus (hlazarus@ucar.edu) or Julie Maldonado (jkmaldo@gmail.com). Please submit abstracts here: <https://fallmeeting.agu.org/2017/abstract-submissions/submissions/>

Session Abstract: Around the world, Indigenous communities are experiencing the effects of a changing climate including more extreme weather events, deepening their vulnerabilities to disastrous outcomes. At the same time, many Indigenous communities possess traditional knowledge that can provide adaptive capacity to reduce disaster risks and alleviate vulnerability. Collaborations in which traditional knowledge and technical scientific knowledge, both driven by observations, co-inform one another can lead to deeper insights into physical processes behind climate-driven hazards. Additionally, collaboration can situate scientific knowledge in ways that elevate community-based decision making so that adaptation efforts support community rights and goals. This session convenes participants from several programs in the United States that foster collaboration between scientific and Indigenous communities predicated on the premise that drawing from a diverse array of backgrounds leads to more and better

solutions to adaptation challenges. Presenters will address the processes, methods, and benefits of Indigenous-scientific collaboration.

2017-2018 Professional Certificate in Tribal Relations at Portland State University.

The certificate is being jointly offered by the Institute for Tribal Government and the Center for Public Service at the Mark O. Hatfield School of Government at Portland State University. The program consists of seven class-room sessions and three field trips conducted over a ten-month period. The classroom instruction features panels and speakers drawn from experts in tribal culture, traditions, policy priorities, non-reservation Native communities, and emerging trends in Indian Country. The field trips focus on Indian policy making at the federal, state, and tribal-government levels. PSU plans to initiate the second cohort in October 2017 and would welcome participants from your organization. If you, or others in your organization, are interested in participating in this program, please contact the ITG Director, Don Sampson at (541) 215-2753 or ITG's Graduate Assistant, Christian Marsh via email at cmarsh@pdx.edu or via phone at (503)341-2754. <https://www.pdx.edu/tribal-gov/certificate>.

New US Climate Resilience Toolkit Case Study

Moving Forward Together: Building Tribal Resiliency and Partnerships. The four member tribes of the Upper Snake River Tribes Foundation collaborated on a Climate Change Vulnerability Assessment, resulting in a quantified assessment of their shared concerns and establishment of a common foundation for future adaptation efforts. <https://toolkit.climate.gov/case-studies/moving-forward-together-building-tribal-resiliency-and-partnerships>

Survey Evaluating Collaboration Between Indigenous Peoples and Climate Scientists

https://msu.co1.qualtrics.com/jfe/form/SV_9RKdJpqInInJHrT. The project seeks to improve the quality of interaction and cooperation between Tribes and Climate Science Organizations in the U.S. Tribes are Indigenous peoples, whether U.S. federally-recognized, state-recognized or un-recognized. CSOs, broadly construed, refer to any government agency, research university or organization, or NGO that seeks to provide climate science information that can be used by leaders, decision-makers and other representatives of communities and governments to assess and prepare for climate change. You can fill out the survey online by clicking here: https://msu.co1.qualtrics.com/jfe/form/SV_9RKdJpqInInJHrT. You can also contact Scott Kalafatis (kalafat1@msu.edu) to request a printed version of the survey or to discuss any questions or concerns.

Model Forest Policy Program Climate Resilience Funding Guide

Model Forest Policy Program created a [Climate Resilience Funding Guide](http://www.mfpp.org/climate-resilience-funding-guide/) to help communities identify financial support for climate adaptation projects. This guide will help you learn about established funding programs that have evolved to provide funding for climate adaptation activities, and to match those funding sources with local adaptation goals. The Climate Resilience Funding Guide features 34 grant programs that support climate adaptation work. [Learn more](#) here: <http://www.mfpp.org/climate-resilience-funding-guide/>.

Job Opportunities

BLM-OR/WA Engaging Youth in Natural Resource Conservation and Public Land Management Projects Across Oregon and Washington. Initial applications are due **July 21, 2017**; a second round by **August 21, 2017**; thereafter on the 5th of each month. From rangeland management to protection of cultural resources; fire suppression to energy development; trails and travel management to National

Conservation Lands, the BLM values public involvement and a collaborative environment. When we facilitate activities and uses of the public lands, they are designed, permitted, and monitored with the goal of retaining or returning the land to a healthy condition once the use or activity ends. Our objective is to provide opportunities for youth (ages 16-30 years of age) to engage in BLM cultural and natural resource conservation-related projects and to increase public awareness and appreciation of those resources and recreational resource values found on public lands. These projects will provide participants with a mix of work experience, education, training, community involvement and support services, as well as the opportunity to develop citizenship values and skills through service to their community and the United States. As the young men and women gain experience in natural and cultural resource management, they will also develop an appreciation for public lands and learn about conservation-related career fields. <https://www.grants.gov/web/grants/search-grants.html?keywords=L17AS00117>

BLM Idaho 2017 Youth Opportunities: **Deadline August 1, 2017.** An opportunity for qualified youth conservation corps to engage youth ages 16-30 in work on BLM Idaho conservation-related projects. <https://www.grants.gov/web/grants/view-opportunity.html?oppId=292479>

BLM Alaska - 2017 Youth Opportunities to Work on Conservation Projects on Public Lands: **Deadline August 1, 2017.** An opportunity for qualified youth conservation corps to engage youth ages 16-30 in work on BLM conservation-related projects. These projects will provide participants with a mix of work experience, education, training, and support services, as well as the opportunity to develop citizenship values and skills through service to their community and the United States. As the young men and women gain experience in natural and cultural resource management, they will also develop an appreciation for public lands and learn about conservation-related career fields.

<https://www.grants.gov/web/grants/view-opportunity.html?oppId=292139>

BLM Joint Fire Science Program Student Travel Assistance: **Deadline August 19, 2017.**

Provide travel support for graduate students conducting research in the wildland fire arena to participate and present their results at professional workshops, conferences and symposia related to wildland fire science. <https://www.grants.gov/web/grants/view-opportunity.html?oppId=294693>

Applications are Now Being Accepted to Host the North Central and Southwest Climate Science Centers. **Proposals due September 7, 2017.** Climate Science Center host institutions are expected to provide expertise and experience to achieve the CSC mission of identifying climate/global change impacts to and effective adaptation strategies for land; water; fish and wildlife; nearshore, coastal and cultural heritage resources; and the ecosystem services upon which human communities depend. Host Institutions will be eligible for projects and project funding as a component of this agreement.

UPCOMING EVENTS

July 24 - 28, 2017. [Tribal Climate Change Action Camp. Crownpoint, NM.](http://events.r20.constantcontact.com/register/event?oeidk=a07ee8oci8sbc1ed473&llr=zl4czwlab) The American Indian Higher Education Consortium (AIHEC) in partnership with the Southwest Climate Science Center (SWCSC), South Central Climate Science Center (SCCSC), Institute for Tribal Environmental Professionals (ITEP), and the Native Nations Climate Adaptation Program (NNCAP) are putting together the Camp.

<http://events.r20.constantcontact.com/register/event?oeidk=a07ee8oci8sbc1ed473&llr=zl4czwlab>

July 26, 2017. 10 am Pacific. Webinar: [Expanding Tribal Energy Development through Partnerships: Powering Your Community with Tribal Energy](#). Developing an energy project involves many different

parties, including utilities, government agencies, developers, grid operators, and financing parties. Speakers will address the steps to developing a 1- to 2-megawatt energy project located on property owned or controlled by a tribe to serve the energy needs of the tribal community.

July 26, 2017. 2 pm Pacific. Webinar: Northwest Climate and Health Network. [Register Here](#)

July 27, 2017. 10 am Pacific. [Climate Changes Health: How Climate is Changing Your Dinner Plans](#). This webinar will highlight agriculture, food safety and security and the resulting health impacts in a changing climate. Public health experts will cover topics including food systems, food production, energy in food distribution, and how all affect our health. Brought to you by the American Public Health Association and Johns Hopkins Center for a Livable Future.

<https://zoom.us/webinar/register/c4556ca36886c779cde7dc3c8da9331e>

July 28, 2017. 10 am Pacific. Webinar: [STARR: Developing an Effective Mitigation Strategy](#). The heart of any natural hazards mitigation plan is the mitigation strategy. The strategy serves as the long-term blueprint for reducing your potential losses identified in the risk assessment. The mitigation strategy describes how you will accomplish the overall purpose of the planning process. This webinar will explore how to connect risk and capability assessments with your mitigation strategy, engage specific audiences in developing the strategy, and the process to identify and prioritize specific actions to reduce risk.

July 30 – August 4, 2017. Tribal Climate Camp (TCC). University of Washington, Pack Forest Conference Center, Eatonville, Washington. **TCC is organized through a collaboration of Tribal and Non-tribal partners.* The Affiliated Tribes of Northwest Indians (ATNI), Institute for Tribal Government (ITG), United South and Eastern Tribes (USET), and the Department of the Interior's (USDI) Northwest Climate Science Center (NW CSC) and Bureau of Indian Affairs (BIA) are collaborating to offer Tribal Climate Camp (TCC) to support teams of tribal leaders, climate change coordinators, planners, and program managers to build skills, gather information, and develop tribal policy needed to address climate change impacts. <http://www.atntribes.org/atni-climate-change-project>

August 2-3, 2017. [Changing Currents: Tribal Water Summit](#). Eugene, OR. Join us at the University of Oregon Law School in Eugene, Oregon this summer for a 2-day conference focusing on the role of Oregon tribes and communities play in shaping our water future for our state. With the summit theme, "From Summit to Sea," we will highlight current water policy, current matters, and emerging issues that face this vital resource. This event is hosted by ATNI and University of Oregon and includes ONABEN's Trading At the River Marketplace. This event is sponsored by Oregon Community Trust and the Meyer Memorial Foundation. <https://www.changingcurrents.org/>

August 7, 2017, Native American Fish and Wildlife Society Pre-Meeting: Southwest Tribal Forum on Climate Change. A Tribal Forum will be held in conjunction with the SW Region Native American Fish and Wildlife Society (NAFWS) conference in Mescalero, NM. The Forum is sponsored by the NAFWS SW Region, and Desert, Great Basin, and Southern Rockies Landscape Conservation Cooperatives. ***Travel support will be available for tribes in the SW Region and those located in the noted LCCs.*** Kevin Johnson, Coordinator, Southern Rockies Landscape Conservation Cooperative; (W) 303-236-4404, (C) 720-402-9506; kevin_m_johnson@fws.gov.

August 14-17, 2017. [Tribal Lands and Environment Forum \(TLEF\)](#). Tulsa, Oklahoma.
http://www7.nau.edu/itep/main/Conferences/confr_tlef

August 16, 2017. 12 pm Pacific. Climate Conversations: Making Good Decisions in a Changing World.

Making Good Decisions in a Changing World. Jennie Hoffman, Founder and Principal of Adaptation Insight Hear about the tools and strategies organizations and agencies are using to frame problems, address risk and uncertainty, leverage resources, and ultimately make decisions that lead to climate adaptation action. 1109 1st Ave. Ste. 400, Seattle, WA. Please contact emilyw@cascadiaconsulting.com or (206) 449-1106 to RSVP or learn about the webinar option.

August 22-24, 2017. Climate Change Adaptation Training. Presque Isle, Maine.

<https://www7.nau.edu/itep/main/forms/tccReg>

August 24, 2017. 10 am Pacific. Webinar: The Northwest Climate Toolbox: Mapping Climate

Information for multi-sectoral stakeholders. The Northwest Climate Toolbox (<http://climatetoolbox.org>) is a collection of web tools for visualizing observed and projected climate information to help with decision making in agricultural, water management, and fire management. his webinar will provide an overview of the datasets behind the Northwest Climate Toolbox and a demonstration of the functionality of the Climate Mapper tool, some example applications, and a short discussion of the development of this tool with lessons learned from user testing.

August 29-31, 2017. Northwest Tribal Summit: Holistic Planning for Climate Change. Polson, Montana.

To register or for more info: ryan.evans@cskt.org or visit: <https://www.eventbrite.com/e/northwest-tribal-climate-summit-holistic-planning-for-climate-change-tickets-35358445061>.

August 24, 2017. 10 am Pacific. Webinar: The Northwest Climate Toolbox: Mapping Climate

Information for multi-sectoral stakeholders. The Northwest Climate Toolbox (<http://climatetoolbox.org>) is a collection of web tools for visualizing observed and projected climate information to help with decision making in agricultural, water management, and fire management. his webinar will provide an overview of the datasets behind the Northwest Climate Toolbox and a demonstration of the functionality of the Climate Mapper tool, some example applications, and a short discussion of the development of this tool with lessons learned from user testing.

August 24-25, 2017. Leadership Workshop for Early Career Women in Science. Fairbanks, AK.

<https://csc.alaska.edu/events/leadership-workshop-early-career-women-science>

August 25, 2017. 10 am Pacific. Webinar: STARR: Incorporating Climate Adaptation into Natural Hazards Mitigation Planning. Addressing 'climate change' at the local, state, or Tribal-level may feel like trying to tackle an amorphous idea, on top of an already heavy work load. The natural hazards mitigation plan, however, can provide a structured format for addressing specific impacts of climate change within existing planning efforts; and provide a starting point for linking with other planning mechanisms. This webinar will explore the potential of the plan and the planning process for addressing climate science and adaptation options. Topics covered will include where to find data on climate change impacts, how to prioritize specific impacts for your community, and examples of integrating data into the hazard risk assessments and mitigation actions.

September 19-21, 2017. 2017 Southwestern Climate Change Summit. University of San Diego. The La Jolla Band of Luiseno Indians, Institute of Tribal Environmental Professionals and the University of San Diego are collaborating on the 2017 Southwestern Tribal Climate Change Summit. For more information, contact: Nikki Cooley, Climate Change Program, Institute for Tribal Environmental Professionals at Nikki.Cooley@nau.edu or visit http://www7.nau.edu/itep/main/tcc/Home/swtcc_Summit.

September 25-28, 2017. 2017 National Tribal Health Conference. Seattle, WA. <http://www.nihb.org/>

September 27-28, 2017. Local Mitigation Planning Workshop, Anchorage, Alaska. The Alaska Division of Homeland Security and Emergency Management and FEMA Region X are pleased to offer a G-318 Local Mitigation Planning Workshop. This two-day workshop covers the fundamentals of mitigation planning for communities that must develop or update local, tribal, or special districts Natural Hazards Mitigation Plans that meet requirements established in 44 CFR 201.6 and 201.7, and address community priorities and needs. This workshop describes the planning process, the requirements for stakeholder involvement, assessing risks, and developing effective mitigation strategies. Tuition is free for those accepted. If you are interested in applying for this training, please contact Eve Edwards for an application: eva.edwards@alaska.gov.

October 2-5, 2017. National Food Sovereignty Summit. Green Bay Wisconsin. First Nations Development Institute and the Oneida Nation of Wisconsin are pleased to announce the national Food Sovereignty Summit on. This is a forum for sharing and collaboration to build healthy food systems within our communities. <https://www.regonline.com/builder/site/Default.aspx?EventID=1927890&=>

October 10-11, 2017. 2017 Northwest Climate Conference, Tacoma, WA. <http://pnwclimateconference.org/>

October 10-13, 2017. American Indian Air Quality Training Program (AIAQTP). [Air Quality & Indoor Air Quality in Alaska Native Villages.](#) Nome, Alaska. **Pre-registration deadline: September 5, 2017.** This is an entry-level course for environmental staff from Alaska Native Villages who are interested in air quality issues. The course provides an understanding of the importance of clean air (outdoors and indoors) for the protection of human health and the total environment. Approximately half of the course will deal with ambient (outdoor) air and half of the course will deal with indoor air. We encourage attendance from environmental, housing, and health departments. For more information, visit: https://www7.nau.edu/itep/main/Training/training_aq_aquiaqak.

October 15 - 18, 2017. Behavior, Energy and Climate Change Conference. Sacramento, CA. This conference is based on understanding the individual and organizational behavior and decision-making and using that knowledge to accelerate our transition to an energy-efficient and low-carbon future. Register at: <http://aceee.org/conferences/2017/becc>

October 19-20, 2017. Southwest Environmental Health Sciences Center Tribal Environmental Health Forum, Wild Horse Pass Hotel & Casino, 5692 West North Loop Road, Chandler, AZ. Early registration only \$25 now through August 20! <http://www.tribalforum.arizona.edu/>

October 24, 2017. 2 pm Pacific. Webinar: Northwest Climate and Health Network. [Register Here.](#)

October 24-27, 2017. Conference: California Invasive Plant Council Symposium. Palm Springs, CA. Land managers, researchers, and conservationists will learn about the latest in invasive plants from riparian, grassland, mountain, coastal, and aquatic/wetland habitats. <http://cal-ipc.org/symposia/index.php>

November 10-12, 2017. The 11th Graduate Climate Conference. Cape Cod, Massachusetts. The conference provides a discussion forum for graduate students undertaking research on climate and

climate change in an array of disciplines throughout the physical sciences, biological sciences, social sciences, and humanities. Register here: <http://gradclimateconf.mit.edu/>

November 15-16, 2017. [Preparing People for Climate Change in the PNW](#). Portland, Oregon.
Conference on Applying Psychological & Psycho-Social-Spiritual Models to Build Human Resilience for Climate Shocks & Stressors

QUICK LINKS

- [PNW Tribal Climate Change Project](#)
- [PNW Tribal Climate Change Online Funding Guide](#)
- [BIA Tribal Climate Resilience Program](#)
- [BIA Tribal Climate Resilience Resource Guide](#)
- [Institute for Tribal Environmental Professionals \(ITEP\) Tribes and Climate Change Program](#)
- [Local Environmental Observer \(LEO\) Network](#)
- [Columbia River Intertribal Fish Commission](#)
- [Northwest Indian Fisheries Commission](#)
- [Affiliated Tribes of Northwest Indians](#)
- [Alaska Native Tribal Health Consortium LEO Network](#)
- [University of Washington Climate Impacts Group](#)
- [Georgetown Adaptation Clearinghouse](#)
- [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](#)
- [Climate Smart Land Network](#)
- [White House Climate Change Archives](#)

NEWSLETTERS AND CALENDARS

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