

**Pacific Northwest Tribal Climate Change Project
DRAFT Meeting Notes – Wednesday, August 20, 2014**

Call Participants

Heather Bartlett, Cow Creek Tribe
Alicia Bell-Sheete, USDA Forest Service
Arwen Bird, Northwest Climate Science Center
David Diaz, Ecotrust
Eliza Ghitis, Northwest Indian Fisheries Commission
Jill Hardiman, North Pacific Landscape Conservation Cooperative
Samantha Chisholm Hatfield, Oregon State University
Ida Hildebrand, Chugach Regional Resources Commission
Carolyn Kelly, Quinault Indian Nation
Linda Kruger, USDA Forest Service PNW Research Station

Kathy Lynn, University of Oregon
Julie Maldonado, US Global Research and Change Program
Guillaume Mauger, University of Washington
Jeff Morris, Model Forestry Policy Program
Jason Pretty Boy, Ecotrust
David Redhorse, Bureau of Indian Affairs
Don Sampson, Affiliated Tribes of Northwest Indians
Tricia Tillmann, Enviroissues
Carson Viles, University of Oregon
Paul Williams, Suquamish Tribe

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Upcoming PNW Tribal Climate Change Network Conference Call Dates

- September 17, 2014
 - October 15, 2014
 - November 19, 2014
 - December 17, 2014
- Call-in Information:*
Call Time: 10:00 am - 11:30 Pacific
Call-in #: 1-888-858-2144
Pass code: 5064716

2015 Climate Solutions University (CSU)

The focus of Climate Solutions University in 2015 the focus is on urban and rural communities that are linked through a shared dependence on intact natural resources. Urban areas need to protect upstream watersheds beyond their jurisdictional control. Rural underserved communities need the support of urban resources to implement conservation priorities in their watersheds. Also, it is essential to develop solutions that include, protect, and advance low income citizens. CSU is a 10-month remote learning program, with service support from around the country. To date, CSU has worked with 24 communities across the country, from Alaska to Tennessee. They have worked with communities of different size and capacity. The program is provided at no cost to qualified applicants. Contact jeff@mfpp.org for more information. www.mfpp.org/csu/ A program summary and application are attached to the email with these notes.

ATNI Climate Change workshop - September 21st, 2014

Don Sampson with the Affiliated Tribes of Northwest Indians Climate Change Program presented information on an upcoming workshop on climate change. ATNI is an organization that works with over 54 tribes in OR, WA, ID and Montana. The workshop will provide a forum for Tribal leaders and Tribal staff to better understand what Climate Change is, why it is impacting Tribal communities and natural resources, and what tribes are doing to address and adapt to the impacts. The workshop will focus on a review of some of the science about climate change and the impacts to tribal communities. The workshop will also include information about what some tribes in the region are doing to address climate change, and the impacts they are facing. Finally, the workshop will discuss funding opportunities for climate change issues. This workshop is designed to bring tribes up to date about climate impacts and funding opportunities, and is a good opportunity for tribes who are seeking more information or resources to address climate change. The workshop will be held **Sunday September 21st, from 2-5 PM and Wildhorse Casino and Resort in Pendleton, OR**. Please contact Don Sampson, ATNI Climate Change Coordinator at Don@Seventhgenerationllc.com or 541-215-2753. A save-the-date announcement is attached on the email with these notes.

First Stewards Symposium and Rising Voices Workshop

Julie Maldonado with the US Global Research and Change Program provided brief updates on the First Stewards Symposium started in 2012 and focused on coastal tribes facing impacts from climate change. A white paper report was created from this 2012 symposium, which was shared with tribal leaders. The [2014 First Stewards Symposium](#) followed up by focusing on climate change adaptation. The emphasis was on how to connect with policy-makers to increase opportunities for adaptation. Another report is anticipated as an output from the symposium, which brought together tribes, NGOs, policymakers and others.

Rising Voices was held for the second consecutive year. This workshop brought together Indigenous and non-Indigenous leaders, scientists, environmental experts and others. The workshop built on the five key messages included in the Chapter on the [Impacts of Climate Change on Indigenous Peoples, Lands and Resources](#) in the 2014 National Climate Assessment. Participants involved with the Rising Voices workshops drafted recommendations to the [State, Local and Tribal Leaders Taskforce on Climate Preparedness and Resilience](#). These recommendations will also be directed towards the sustained assessment of the National Climate Assessment. For more information on the outcomes of this workshop, contact Julie at: jmaldonado@usgcrp.gov.

California Landscape Conservation Cooperative Seeking Input from Tribes

Background: The [California Landscape Conservation Cooperative](#) (CA LCC) is a management-science partnership created to inform and promote integrated science, natural resource management and conservation to address impacts of climate change and other stressors within and across ecosystems. The CA LCC is one of 22 LCC's that collectively form a network of resource managers and scientists who share a common need for scientific information and interest in conservation. Each LCC brings together federal, state, and local governments along with Tribes and First Nations, non-governmental organizations, universities, and private organizations. Partners work collaboratively to identify best practices, connect efforts, identify science gaps, and avoid duplication through [Climate-Smart Conservation](#) planning and design.

The LCC Network -<http://lccnetwork.org/Find>

Tribes are involved with LCCs across the United States. Some LCCs have a Steering Committee member and/or a Tribal and First Nations Committee to inform the Steering Committee. The [National LCC Project Catalog](#) lists the projects where an LCC has been engaged with Tribes and funded projects that facilitate the use of TEK to help inform natural and cultural resource management.

CA LCC Tribal and Traditional Ecological Knowledge (TEK) Team - To inform CA LCC Steering Committee members about the value of TEK for landscape-scale resource conservation, the CA LCC and the [California Department of Water Resources](#) are co-sponsoring a TEK workshop in September 2014. The workshop will be directed at Steering Committee members and their staff who work with Tribes, or may do so in the future, although Tribal members are also invited to attend*. This foundational workshop will help to garner support for future assistance for Tribes and meaningful inclusiveness in the CA LCC efforts. The CA LCC is now seeking input from Tribes regarding the future of the Tribal and TEK Team. If you would like to provide input, please complete the following survey at: <https://www.surveymonkey.com/s/CALCCTribal>

* The TEK Workshop planning team is seeking interested parties for a Poster Session to be held the day of the workshop. If you have an example of a Tribal resource conservation project that incorporates TEK and could serve as a model for future work the CA LCC could fund or assist, please contact Stephanie Lucero at lucero.stephanie@gmail.com.

September 2-3, 2014 ITEP Tribal Climate Change Training in Portland

ITEP will be conducting a workshop in Portland, September 2-3, 2014, which will be hosted by the Columbia River Inter-Tribal Fish Commission (CRITFC) at their offices in Portland. This training will provide an introduction to the process of planning for climate change impacts, from getting started to impact and vulnerability assessment to developing adaptation strategies. It is intended for tribal environmental and natural resource professionals who expect to be involved in climate change adaptation planning. Course materials and the Tribal Climate Change Adaptation Planning Toolkit will be available for download. Tuesday, September 2 (1:30-5:30 PM) – Wednesday, September 3 (8:30 AM - 5:30 PM). Portland, OR. The Registration form for the climate change adaptation training is available [here](#). For more information, contact Sue Wotkyns, Climate Change Program Manager, Institute for Tribal Environmental Professionals, Northern Arizona University, Susan.Wotkyns@nau.edu, 928-523-1488. <http://www4.nau.edu/itep/>

September 4, 2014 North Pacific LCC Fall Tribal/First Nations Committee Meeting

On September 4, 2014, the North Pacific Landscape Conservation Cooperative (NPLCC) is planning a one-day workshop for Tribes and First Nations within the NPLCC region. This meeting will also be held at the Columbia River Inter-Tribal Fish Commission (CRITFC) office in Portland. This workshop is intended to enhance opportunities for tribal engagement within the NPLCC. This meeting is open to Tribes and First Nations to provide a forum to share experiences dealing with climate change and the NPLCC. This workshop will include a review of US climate programs and funding opportunities, a discussion of traditional knowledges (safeguards for, approaches to, and appropriate use) and a discussion of climate impacts Tribes and First Nations face. This workshop will culminate with Tribes and First Nations providing recommendations for the NPLCC on how to better work with and engage with Tribes and First Nations. For more information on the meeting registration and logistics, contact [Tricia Tillmann](#). For more information on the NPLCC and Tribal / First Nations Committee, contact [John Mankowski](#).

General Updates

Forest Service Grants and Agreements: New Technical Guide and Upcoming Webinars

From Mariel Murray, USDA Forest Service: To enable Forest Service staff and Tribes to work more effectively and efficiently, the Office of Tribal Relations decided to create a Grants and Agreement Guide. We wanted to ensure that this was more than a technical guide—we wanted it to be user-friendly. Therefore, with your help, from 2012-2014, the Office of Tribal Relations hosted nine Focus Groups with 39 Forest Service employees and 44 tribal members representing 37 Tribes. We solicited input from many staff areas, including Acquisition Management-Grants & Agreements, Research & Development, Forest Health, Forest Management, Urban & Community Forestry, and Fire. Thank you. The result is a Guide with the following features:

- Background information/foundation on Forest Service and grants and agreements;
- Flow chart to get the user geared towards different opportunities;
- Descriptions of available Forest Service programs with real examples;
- Step-by-step instructions on applying for grants and partnering with the agency;
- Information on confidentiality and Indian hiring preference.

The link to the digital version is:

<http://www.fs.fed.us/spf/tribalrelations/documents/tools/StartPartnershipTribalGuide.pdf>.

Mariel will present the Guide and answer questions during upcoming webinars:

- **Wednesday, August 27th at 3-4pm EST.**
- **Wednesday, September 24th at 3-4pm EST.**
- Live Meeting Presentation link:
<https://www.livemeeting.com/cc/usda/join?id=8D4QTB&role=attend&pw=5%5DsxtR%2BQR>
- Phone Number: 1-888 844 9904, passcode 2905939

Request for Proposals: Climate Vulnerability Assessment for the Quinault Treaty Area

A request for proposals has been released to develop a climate change vulnerability assessment to inform the Quinault Treaty Area (QTA) tribal governments (Quinault Indian Nation, Hoh Indian Tribe, and Quileute Tribe) of potential risks to natural resources of economic and cultural importance. Assessment results will be used to inform climate change adaptation plans. For a copy of the RFP, Please

Contact: Carolyn Kelly, Air Quality Specialist and QTA Vulnerability Assessment Project Manager, Quinault Indian Nation, ckelly@quinault.org (360-276-8215 ext. 484). Or visit: <http://cakex.org/content/rfp-climate-vulnerability-assessment-quinault-treaty-area>

Tribal Wildlife Grant (TWG) proposals due September 2, 2014.

The FY 2015 U.S. Fish and Wildlife Service (Service) Tribal Wildlife Grant (TWG) cycle will close September 2, 2014. For participating Tribes in California, Nevada, and the Klamath Basin in Oregon proposals must be **postmarked or emailed to Damion Ciotti no later than September 2, 2014**. The TWG grant program provides a competitive funding opportunity for Federally recognized Tribal governments to develop and implement projects for the benefit of fish and wildlife and their habitat. Due to reduced funding and the already highly competitive nature of TWG, proposals that target Service priorities and emerging issues will generally have greater success. Applicants are encouraged to work with Service staff in developing proposals. For more information on the TWG grant program please see our website <http://www.fws.gov/nativeamerican/grants.html> and the attached application kit. Email TWG proposals to damion_ciotti@fws.gov or mail to: Damion Ciotti, Habitat Restoration Division, U.S. Fish and Wildlife Service, 11641 Blocker Drive, Suite 110, Auburn, CA 95603. If you have questions or would like assistance in developing your proposal please contact Damion Ciotti at (530) 889-2327.

New Tribal Climate Change Profiles

[Nez Perce Tribe: Clearwater River Subbasin Climate Change Adaptation Plan.](#)

In an effort to prepare for changes to their homelands' ecology, the Nez Perce Tribe's Water Resources Division created a climate change adaptation plan for the Clearwater River Subbasin in 2011. The plan focuses on climate impacts to water and forestry resources, two areas of natural resource management that are both culturally and economically important to the Nez Perce Tribe. The adaptation plan includes an assessment of existing conditions in the subbasin, and data on how changes in climate may impact forests, waters, and the local economy. This profile highlights the efforts of the Nez Perce Tribe to increase awareness of climate change issues in their region through this plan, as well as their strategies for integrating adaptation into existing and future management plans. Also available at: http://www4.nau.edu/tribalclimatechange/tribes/northwest_nezperce_clearwater.asp

[Nooksack Indian Tribe: Rivers and Glaciers](#)

Keeping salmon and the ecosystem healthy in light of climate change and distressed ecosystems. In response to concerns about the Nooksack River and the glaciers that drain into it, the Nooksack Indian Tribe is undertaking efforts to address climate change and its impacts on Nooksack Usual and Accustomed lands and its people. Specifically, the Tribe is exploring climate impacts facing their lands as a way to address the continued health of salmon: riparian ecosystem health, stream and river temperatures, sediment loading in the watershed, and impacts of climate change on glaciers and the hydrology of the Nooksack River. Salmon in the Nooksack River are already severely stressed by a variety of factors including wide scale-watershed alteration by forest practices, channelization of the river, pollution and human-induced habitat loss. Climate impacts, therefore, have the potential to cause major additional harm to salmonid populations in the Nooksack River. Mitigating the impacts of climate change is therefore an integral part of ensuring that the Nooksack watershed is able to continue supporting salmon at harvestable levels. This profile draws on the work of the Nooksack Indian Tribe to address climate change impacts on the hydrology of the Nooksack River and salmon survival and recovery.

Tribal Climate Change Funding Guide

We are frequently updating the tribal funding guide. The Funding Guide is intended to provide up-to-date information on grants and programs that may assist tribes in addressing climate change through a broad range of sectors. To access the funding guide, please visit <http://envs.uoregon.edu/tribal-climate/>

Question regarding down-scaled precipitation data

Paul Williams with the Suquamish Tribe asked if anyone had suggestions for a research proposal they are putting together aimed at using climate models to predict barriers in the landscape where change is going to occur in terms of precipitation in order to document impacts to vegetation. Paul asked if there are ways to conduct climate models and a fine enough resolution to look at vegetation. Guillaume Mauger at University of Washington offered an initial suggestion to look at a paper by Eric Salathé, which focused on extreme precipitation in the PNW: [Estimates of 21st Century Flood Risk in the Pacific Northwest Based on Regional Climate Model Simulations](#). Guillaume offered to connect with Paul regarding additional ideas. Jason Pretty Boy and David Diaz with [Ecotrust](#) offered some ideas related to Ecotrust's work in visualizing datasets that have been published to interpret the data. Eliza Ghitis suggested looking at the information connected with a recent session on integrated scenarios of future northwest environments, coordinated through the Oregon Climate Change Research Institute. Contacts for this program are [Phil Mote](#) and [Dominique Bachelet](#). The April 2014 webinar can be viewed at: <https://nccwsc.usgs.gov/webinar/310>.

Additional Events and Webinars

September 9-10, 2014. 5th Annual Pacific Northwest Climate Science Conference Seattle, WA.

The PNW Climate Science Conference annually brings together more than 250 researchers and practitioners from around the region to discuss scientific results, challenges, and solutions related to the impacts of climate on people, natural resources, and infrastructure in the Pacific Northwest. See more information on the agenda, registration and lodging below.

<http://pnwclimateconference.org/>

September 23, 2014. Traditional Ecological Knowledge Conference, Sacramento, CA.

The CA LCC, DWR, and co-sponsors are hosting this workshop for state and federal agency staff, NGOs, and Tribes with interest in how Traditional Ecological Knowledge (TEK) can help ensure resilient and sustainable natural landscapes for California in the face of climate change and other ecological stressors.

October 7-9, 2014, Tribal Climate Change Adaptation Training, Norman, OK

Registration is open for a 3-day Climate Change Adaptation Planning training on October 7-9 in Norman, OK, with an optional field trip the morning of October 10. The Oklahoma training will include a 1-day session on Community Resilience provided by the National Disaster Preparedness Training Center. We encourage people from the south central U.S. to attend. Both of these trainings are intended for tribal environmental and natural resource professionals who expect to be involved in climate change adaptation planning with their tribe. Registration forms for the trainings are available on our website:

www4.nau.edu/itep/climatechange/

October 15-17, 2014 Shifting Seasons Summit, Keshena, WI

Registration is also open for the Shifting Seasons Summit on October 15-17, in Keshena, WI, which will include climate change adaptation training sessions, information sharing, and networking opportunities.

The College of Menominee Nation is hosting the Summit, and ITEP staff and Michigan State University faculty are providing assistance in planning the event. There will be an optional field trip on October 14. The Summit agenda, registration, and additional information are available at: <http://sustainabledevelopmentinstitute.org/shifting-seasons-summit/>

October 28-30, 2014, [Training: Climate-Smart Conservation](#) Olympia, WA.

The NPLCC is hosting the National Conservation Training Center's Climate-Smart Conservation Class in Olympia on October 26-28, 2014. There is no cost for registration (you just need to cover your travel and per diem expenses). Space is limited (35-40 participants) but we want to provide seats for as many NPLCC partner organizations as possible. If you or someone from your organization is interested in attending, please register for the course using this link, If you are not a Department of Interior employee, click on "Request a new account" on the login page. You will be placed on a wait list and notified in early September if there is space in the class. S-TEK Subcommittee member, Jennie Hoffman is one of the instructors so please contact Jennie with questions about the class.

December 2-3, 2014 Climate Change and Indigenous Peoples Conference

The University of Oregon will host the 3rd Annual Climate Change and Indigenous Peoples Conference and Student Symposium on December 2-3, 2014. The University will welcome two distinguished keynote speakers to the conference: Dr. Myrna Cunningham Kain and Patricia Cochran. Dr. Cunningham Kain is an internationally renowned advocate for Indigenous peoples' rights and women's rights who has served Indigenous peoples in countless fashions, most recently as chair of the United Nations Permanent Forum on Indigenous Issues (2011-2013). Patricia Cochran is currently Executive Director of the Alaska Native Science Commission (ANSC), an organization that works to create links and collaborations among scientists, researchers and Alaska Native communities. For more information on the Conference, please visit: <http://ccip.uoregon.edu/>

Feb 17-19, 2015: [Great Basin Consortium Conference](#), Boise State University, Idaho

May 12-15, 2015: 2nd National Adaptation Forum, <http://nationaladaptationforum.org/>