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## Pacific Northwest Tribal Climate Change Network: Email Bulletin and Conference Call Notes – November 16, 2016

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### **Participants:**

- Joseph Bonnell-Hall, Couer d’Alene Tribe
- Laura Brown, Confederated Tribes of Siletz
- Tess Carter, National Climate Assessment
- Mike Grady, NOAA Fisheries
- Ciarra Greene, Wisdom of the Elders
- Joe Hostler, Yurok Tribe
- Rob Jacob, Elk Valley Rancheria
- Dave Johnson, Bureau of Land Management
- Carolyn Kelly, Quinault Indian Nation
- Jen Lennon, Sauk Suiattle Tribe
- Michael Levkowitz, WA Dept of Ecology
- Kathy Lynn, University of Oregon
- Amelia Marchand, Confederated Colville Tribes
- Darion Mayhorn, Bureau of Reclamation
- Gary Morishima, Quinault Indian Nation
- Cynthia Naha
- Rachael Novak, Bureau of Indian Affairs
- Lynn Rae
- Melissa Poe, WA Sea Grant
- Cynthia Rossi, Point no Point Treaty Council
- Melissa Watkinson, UW
- Kevin Zerbe, Cascadia Consulting

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### **2017 PNW Tribal Climate Change Network Calls (10 am Pacific):**

- January 18, 2017
- February 15, 2017
- March 15, 2017
- April 19, 2017
- May 17, 2017
- June 21, 2017
- July 19, 2017
- August 16, 2017
- September 20, 2017
- October 18, 2017
- November 15, 2017
- December 20, 2017

### **Conference Call information:**

Toll-Free: 888-844-9904  
Access Code: 5064716  
Adobe Connect web  
meeting: <http://oregonstate.adobeconnect.com/tribalclimate/>

### **Funding Opportunities**

**Funding Opportunity Announcements (FOAs) for the Drought Response Program. **Deadline for Applications: February 14, 2017.**** Darion Mayhorn with the Bureau of Reclamation shared the Drought Contingency Planning FOA to invite eligible applicants to leverage their resources by cost sharing Drought Contingency Planning with Reclamation to build resilience to drought in advance of a crisis.

Applicants under this FOA may request funding to develop a new drought plan or to update an existing drought plan. Applicants may also request technical assistance from Reclamation for the development of elements of the Drought Contingency Plan. Applicants may request up to \$200K in Federal funds. There is a cost-share waiver available under exceptional/limited circumstances (see C.2. in the FOA). Drought Resiliency Projects increase flexibility for water managers through system modifications and improvements, and development of alternative water supplies, among other projects to mitigate the impacts of future drought.

- Planning Funding - <http://www.grants.gov/web/grants/view-opportunity.html?oppld=290122>
- Project Funding- <http://www.grants.gov/web/grants/view-opportunity.html?oppld=290104>

Gary Morishima asked if there is an actual definition for what constitutes a drought? Darion said that the Bureau of Reclamation allows tribes to define drought. Joe Hostler asked about the 50% non-federal cost-share, and whether or not that cost share can include BIA funding. Darion said that Bureau of Rec has been working with the BIA Tribal Climate Resilience Program to best leverage funding and climate programs, and said that funding within 638 contracts can be used as cost-share for these grants.

**Call for Proposals: USDA Northwest Climate Hub. Letters of Intent due December 5, 2016.** The USDA Northwest Climate Hub is putting out a request for proposals. Contingent upon available funds the Northwest Climate Hub requests proposals to support our mission to serve farms, forests and rangelands in a changing climate. An estimated amount of \$350,000 is available for approximately 5-10 projects. There are additional funds available (at least \$50,000) to fund one proposal that is designed to assist the NW Climate Hub in serving Alaska, such as efforts focused on Alaska meeting its food security needs under climate change. The Northwest Climate Hub encourages applicants to seek matching funds from other sources that augment and leverage funds made available to support proposals through this Request For Proposals. We look forward to your letter(s) of intent due 5 December 2016. Please [download the RFP](#) for more information or email Holly Prendeville: [hollyprendeville@fs.fed.us](mailto:hollyprendeville@fs.fed.us).

## 4<sup>th</sup> NCA Tribal Technical Input: <https://www.surveymonkey.com/r/WLCMWHT>

### Gathering Input from Tribal Communities to Shape the Next National Climate Assessment:

The [Affiliated Tribes of Northwest Indians](#) (ATNI), [Northwest Indian Fisheries Commission](#) (NWIFC), the [Columbia River Inter-Tribal Fish Commission](#) (CRITFC), the [Upper Snake Rivers Tribes Foundation](#) (USRT), the [Upper Columbia United Tribes](#)(UCUT) and the [Pacific Northwest Tribal Climate Change Network](#) are working together in response to a request for technical input from Pacific Northwest Tribes for the [4th National Climate Assessment](#).

These organizations are requesting your response to a questionnaire to gain input on tribal priorities for adaptation, and strategies and initiatives tribes are engaged in to address climate change. This questionnaire is intended for tribal leaders and tribal staff that working on climate change issues on behalf of a tribe or tribal organization. Your responses to this questionnaire will help inform the 4th National Climate Assessment. This questionnaire is designed to solicit technical input on sectoral, regional, and response information and cross-cutting topics will serve as part of the foundation for NCA4. Note: this questionnaire is not intended to be used as statistical or representational analysis of tribal perspectives or actions on climate change. ATNI, NWIFC, CRITFC, USRT and UCUT are requesting only information that tribes submit with their free, prior and informed consent. Tribes should not submit publications or information that is culturally sensitive or should not otherwise be shared in the public domain. If you have any questions, please contact Don Sampson ([Don@Seventhgenerationllc.com](mailto:Don@Seventhgenerationllc.com)) or Kathy Lynn ([kathy@uoregon.edu](mailto:kathy@uoregon.edu)). Responses are requested by **November 28, 2016**. The questionnaire is available here: <https://www.surveymonkey.com/r/WLCMWHT>.

Kathy walked everyone through the questionnaire and talked about the purpose to gather as much information about what tribes are doing to address climate change for the 4<sup>th</sup> National Climate Assessment. Rachael mentioned that 15 tribal mini-grants were awarded and that there may be upcoming meetings or workshops to solicit additional technical input. Technical input will be used not only for the tribal chapter, but for the regional and sectoral chapters as well.

Kathy used an online poll to ask a few questions about the 3<sup>rd</sup> National Climate Assessment:

- Have you utilized the 3<sup>rd</sup> NCA? (Yes=9; No=2)
- What chapter(s) have you read/utilized in the 3rd National Climate Assessment?  
(Tribal Chapter=5, Regional Chapters=5, Sectoral Chapters=2, Other=1)

Kathy then facilitated discussion using two questions posed in the tribal mini-grants and a third question focused on traditional knowledges:

1. What information would be most beneficial to your tribe in the 4th National Climate Assessment to address climate change?

Amelia shared that she has used the 3<sup>rd</sup> NCA as a resource guide, and focused on an experience from a few weeks ago when she talked about human health. Amelia discussed the importance of considering climate change impacts across sectors that tribes are affected by broadly. While the NCA has addressed vulnerable communities in previous iterations, but done so separately from climate impacts to rural communities, economy, and biophysical impacts that when coupled, further exacerbate this impacts of climate change for Native American communities. It would be good if the 4<sup>th</sup> National Climate Assessment could better connect impacts across sector and in the context of the most pressing issues for native communities. Examples that Amelia gave included a range of

public health issues from the clean water and sanitation, to diabetes and obesity all of which may be exacerbated by the impacts of climate change. Addressing the social, economic and human health impacts in the context of climate change is an important task for the next NCA.

Gary suggested that because the National Climate Assessment provides science and data that can provide legitimate information to help tribes address climate change. There are also unique economic and social justice issues within indigenous communities that are important to acknowledge within the NCA as well.

2. What resources would be most helpful in preparing robust, culturally appropriate adaptation strategies?

Gary suggested that resources are needed for programmatic support. There is currently short-term funding oriented towards planning and assessment. There is a need for long-term stability for climate programs and a reliable source of funding to implement the plans that have been developed.

3. How should traditional knowledge contribute to the body of information that should be brought to bear in climate initiatives?

The group had a number of comments and Kathy agreed to add a question about this to the questionnaire so that we could continue to collect responses on this topic. There is a fair amount of work related to traditional knowledge and climate change in terms of guidelines and protocols, along with recognition of the value of traditional knowledges in informing climate change impacts and adaptation. Data sharing information goes beyond tribes and others. There are a lot of incompatibilities between state and federal agencies. Another comment focused on how this information should be considered in reporting, and how information is shared should be determined by the tribe that shares it. Finally, another participant commented that ensuring cultural/traditional plant and animal species are being considered in monitoring and adaptation plans is important. Traditional knowledge can provide guidance on the significance of certain species and the interconnectivity of those species within ecosystems.

At the close of the discussion, Joe encouraged people to complete the questionnaire because the National Climate Assessment is submitted to Congress, and can result in dedicated support for climate change efforts. Regardless of the Administration, the National Climate Assessment will continue to be developed and it is important to ensure that tribes are contributing to the assessment and broadening the conversation about climate impacts beyond just federal and state entities. Tess underscored this comment by stating that the National Climate Assessment Reports are developed to help the US Global Change Research Program fulfill its mandate under the Global Change Research Act of 1990.

## [Announcements](#)

**Draft Northwest Forest Plan (NWFP) science synthesis is now available online at <http://www.fs.fed.us/pnw/research/science-synthesis/index.shtml>.** The *draft Northwest Forest Plan science synthesis is now available* for review and public input. The draft synthesis is currently undergoing peer review coordinated by the Ecological Society of America. The U.S. Forest Service's Pacific Northwest and Pacific Southwest Research Stations developed the draft synthesis, which, when finalized, will help to provide a scientific foundation for land management plans for 17 national forests

within the NWFP area. Written by 45 scientists from the Forest Service, other federal agencies, universities, and tribes, the synthesis provides a review of the relevant scientific literature pertaining to key resource management topics within the NWFP area. The public can provide input on the science content of the draft synthesis to the group of independent peer reviewers in two ways:

- From **November 10, 2016, through January 6, 2017**: Upload written input via <http://www.fs.fed.us/pnw/research/science-synthesis/index.shtml>.
- On **December 6, 2016**: Attend a public forum in Portland, Oregon, from 8:30 a.m. to 1:00 p.m. at the [Doubletree by Hilton Portland](#). The forum will also be broadcast live as a webinar, so interested parties outside of the Portland commuting area can participate. Additional information, along with a detailed agenda, is forthcoming and will be posted online at <http://www.fs.fed.us/pnw/research/science-synthesis/index.shtml>.

**Landmark U.S. Federal Climate Lawsuit.** In 2015, twenty-one youth from across the United States, age 8 to 19, [filed a landmark constitutional climate change lawsuit](#) against the federal government in the U.S. District Court for the District of Oregon. Also acting as a Plaintiff is world-renowned climate scientist Dr. James E. Hansen, serving as guardian for future generations and his granddaughter. Their complaint asserts that, in causing climate change, the federal government has violated the youngest generation's constitutional rights to life, liberty, property, as well as failed to protect essential public trust resources. On April 8, 2016, U.S. Magistrate Judge Thomas Coffin ruled in favor of the young Plaintiffs by denying the government and fossil fuel industry's motions to dismiss. While the [ruling was](#) a major victory for the Plaintiffs, it is now under review by U.S. District Court Judge Ann Aiken, who heard [oral arguments](#) on September 13, 2016. On November 10, 2016 Judge Aiken issued an [order](#) that denied both the fossil fuel industry's and the federal government's motions to dismiss this case, officially giving the youth standing in court.

- **American Youth to bring US Federal Government to Trial in Ground-breaking Climate Change Lawsuit** . <http://www.unep.org/stories/Governance/AmericanYouth-Climate-Change-Lawsuit.asp>

**Secretarial Order 3342: Identifying opportunities for cooperative and collaborative partnerships with federally recognized Indian tribes in Management of Federal Lands and Resources.**

[https://www.doi.gov/sites/doi.gov/files/uploads/so3342\\_partnerships.pdf](https://www.doi.gov/sites/doi.gov/files/uploads/so3342_partnerships.pdf). U.S. Secretary of the Interior Sally Jewell today announced a Secretarial Order encouraging cooperative management opportunities between the Department's land and water managers and federally-recognized tribes. The [Secretarial Order](#) sets out a framework to ensure that Native communities have the opportunity to assume meaningful and substantive roles in managing public lands that have special geographical, historical and cultural connections to the tribes. As outlined, the Secretarial Order guides Interior's land management agencies to identify opportunities, consult with tribes, and implement cooperative management agreements or other collaborative partnerships as appropriate that relate to:

- Management of fish and wildlife resources;
- Identification, protection, preservation and management of cultural sites;
- Management of plant resources, including collection of plant material;
- Delivery of specific programs and services;
- Management and implementation of agency-related maintenance activities; and
- Managing public information related to tribal, cultural and/or educational materials related to an agency.

**EPA Releases the EJ 2020 Action Agenda, the Agency's Environmental Justice Strategic Plan for 2016-2020.** The U.S. Environmental Protection Agency (EPA) today released the Environmental Justice 2020 Action Agenda (EJ 2020), the Agency's environmental justice strategic plan for 2016 to 2020. EJ 2020 will further integrate environmental justice considerations in all of the Agency's programs, strengthen EPA's collaboration with partners, and demonstrate progress on significant national challenges facing minority and low-income communities. The EJ 2020 Action Agenda has three overarching goals:

- Deepen environmental justice practice within EPA programs to improve the health and environment of overburdened communities.
- Work with partners to expand our positive impact within overburdened communities.
- Demonstrate progress on critical national environmental justice challenges.

To read EJ 2020, visit <https://www.epa.gov/environmentaljustice/ej-2020-action-agenda>  
<https://blog.epa.gov/blog/2016/10/ej-2020-the-next-generation-of-environmental-justice-at-epa/>

**The Northwest Climate Hub announces the availability of the [Seedlot Selection Tool](https://seedlotselectiontool.org/sst/).**

<https://seedlotselectiontool.org/sst/> The Seedlot Selection Tool (SST) is a web-based mapping application designed to help natural resource managers match seedlots (tree seed sources of known identification and source location) with planting sites based on climatic information. The SST can be used to map current climates or future climates based on selected climate change scenarios. It is tailored for matching seedlots and planting sites, but can be used by anyone interested in mapping climates defined by temperature and water availability. The SST is most valuable as a planning and educational tool because of the uncertainty associated with climate interpolation models and climate change projections. The SST allows the user to control many input parameters, and can be customized for the management practices, climate change assumptions, and risk tolerance of the user.

**[BIA / BIE K-12 Tribal Student Climate Change Photo Contest](#).** Using a classroom or cell phone camera, take a picture of something you value in your tribal community that climate change might affect. Include a caption describing the climate impact (and what might be done about it). Submit all captioned photos or questions by e-mail to: [bia\\_climate\\_photo\\_contest@bia.gov](mailto:bia_climate_photo_contest@bia.gov) or by teacher's class instructions.

Categories: K-5, 6-8, & 9-12. Fall contest entries are due by **Nov. 30, 2016** and Spring entries by **April 28, 2017** to [bia\\_climate\\_photo\\_contest@bia.gov](mailto:bia_climate_photo_contest@bia.gov). Rachael emphasized that this content is aimed at encouraging students to express themselves and photograph things in their community that they value. The BIA has also developed a guide for mentors to work with students:

<http://bia.gov/cs/groups/webteam/documents/document/idc2-044212.pdf>. They are encouraging photos from students (and not taken by teachers) since they are judged against other students. However, if there is a concern related to age or ability, contact Rachael. Another question focused on whether or not drawings can be submitted. Rachael said that while the focus this fall is on photography, it might be really interesting to consider other forms of media in future rounds of the contest. You can email Rachael with additional questions and comments ([rachael.novak@bia.gov](mailto:rachael.novak@bia.gov)).

**Intertribal Youth Climate Leadership Congress.** The Intertribal Youth Climate Leadership Congress has been held in 2015 and 2016 at the National Conservation Training Center in Shepherdstown, West Virginia. This is an effort convened by seven federal agencies, including the BIA. The Congress has focused on bringing cohorts of tribal youth from tribes across the country to learn more about climate change and indigenous peoples. The Congress has used an open space format designed to give participants an opportunity to discuss and share issues and solutions related to climate change impacts in their communities, and then meet in small groups to discuss issues of most interest and important to them. There is also a small mini grants program designed to help youth take ideas back to their tribes

and bring to life what they talked about in the Congress. The 2017 Congress will be held **July 10 – July 15, 2017**. The program is aimed at high school juniors. If you know of tribal youth who may be interested in participating in 2017, contact Rachael at [rachael.novak@bia.gov](mailto:rachael.novak@bia.gov).

**Call for Technical Inputs for the 4<sup>th</sup> National Climate Assessment.** By informing users about past, present, and future climate change, the National Climate Assessment (NCA) links scientific advancement with the needs of decision makers responding to a changing climate. To do this, the NCA gathers scientific information from many sources, highlighting key findings and major gaps in knowledge about climate impacts in regions and sectors across the United States. With input from over 1000 scientists, the [Third NCA \(2014\)](#) is the most comprehensive analysis to date of how climate change is affecting the United States now and it could affect it in the future. Development of the Fourth National Climate Assessment (NCA4) is underway, and nominations for regional and sectoral chapter lead authors, and contributing authors with relevant subject matter expertise, are [now open](#). [Details on chapter topics](#) can be found at the bottom of the federal register notice. Author nominations must be submitted by September 30, 2016. Technical inputs on sectoral, regional, and cross-cutting topics, which will serve as part of the foundation for NCA4 along with special assessments and other literature, can also be submitted at this time. [Details on regions and topics](#) to be included can be found at the bottom of the federal register. **All scientific and technical inputs must be submitted by January 15, 2017.**

**[The Nomination period is open for the 2017 Climate Adaptation Leadership Award.](#) **Deadline: November 18, 2016.**** The Climate Adaptation Leadership Award for Natural Resources (Award) was established to recognize exemplary leadership by federal, state, tribal, local, and non-governmental entities to reduce climate-related threats and enhance the resilience of the nation's living natural resources (fish, wildlife and plants) and the communities that depend on them. The Award recognizes outstanding leadership by organizations and/or individuals to advance the resilience of living natural resources in a changing climate by helping address the goals of the National Fish, Wildlife, and Plants Climate Adaptation Strategy. For more information, visit: <https://www.wildlifeadaptationstrategy.gov/award.php>

**[Director's Order #100 - Resource Stewardship for the 21st Century.](#)** The National Park Service (NPS) is seeking public and internal input on Director's Order #100, Resource Stewardship for the 21st Century. The draft is now available for comment during a 30-day public and internal review period. Director's Order #100 (DO #100) will increase our ability to fulfill our mission in a century defined by environmental and societal changes that are increasingly widespread, complex, accelerating, and uncertain. DO #100 builds on a recently issued NPS Policy Memorandum 16-01- Resource Stewardship for the 21st Century - Interim Policy and draws from ideas presented in the Revisiting Leopold Report. DO #100 details policies and procedures that will guide resource stewardship in the 21st century. When signed, DO #100 will supersede Policy Memorandum 16-01. DO #100 provides policies that form a new framework for stewardship decision making within the NPS. Climate change, biodiversity loss, pollution, land use changes, and other pressures have impacted our parks and other resources we manage. When many of our policies were written, climate change was not a consideration in our decision-making process. To bridge this gap, a new overarching resource stewardship goal has been developed that takes into account our changing environment as we undertake short- and long-term planning, and carry out our stewardship responsibilities. The draft also encourages the integration of natural and cultural resources, and viewing our parks as an integral part of larger networks of protected lands, waters and resources. **Comment period is open until November 18, 2016.** <https://parkplanning.nps.gov/document.cfm?documentID=75328>

## [Media and Publications](#)

### **Climate Change and Our Natural Resources: A Report from the Treaty Tribes in Western Washington.**

On November 15, 2016, the treaty tribes in western Washington released a comprehensive report on how climate change is hurting tribal treaty rights and natural resources. This report from the twenty member tribes of the Northwest Indian Fisheries Commission focuses on the impacts of climate change to our homelands, waters, and ways of life. We have a historical and contemporary relationship with the watersheds and ecosystems of the Pacific Ocean coast, the Strait of Juan de Fuca, Hood Canal, and Puget Sound. Virtually all of the resources and activities that our treaties protect—fishing, gathering, and hunting—are impacted by the effects of climate change. To download the report, visit:

<http://nwtreatytribes.org/climatechange/>.

**Norton-Smith, Kathryn; Lynn, Kathy; Chief, Karletta; Cozzetto, Karen; Donatuto, Jamie; Hiza Redsteer, Margaret; Kruger, Linda E.; Maldonado, Julie; Viles, Carson; Whyte, Kyle P. 2016. Climate change and indigenous peoples: a synthesis of current impacts and experiences. Gen. Tech. Rep. PNW-GTR-944. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station. 136 p.** A growing body of literature examines the vulnerability, risk, resilience, and adaptation of indigenous peoples to climate change. This synthesis of literature brings together research pertaining to the impacts of climate change on sovereignty, culture, health, and economies that are currently being experienced by Alaska Native and American Indian tribes and other indigenous communities in the United States. The knowledge and science of how climate change impacts are affecting indigenous peoples contributes to the development of policies, plans, and programs for adapting to climate change and reducing greenhouse gas emissions. This report defines and describes the key frameworks that inform indigenous understandings of climate change impacts and pathways for adaptation and mitigation, namely, tribal sovereignty and self-determination, culture and cultural identity, and indigenous community health indicators. It also provides a comprehensive synthesis of climate knowledge, science, and strategies that indigenous communities are exploring, as well as an understanding of the gaps in research on these issues. This literature synthesis is intended to make a contribution to future efforts such as the 4th National Climate Assessment, while serving as a resource for future research, tribal and agency climate initiatives, and policy development.  
<http://www.treesearch.fs.fed.us/pubs/53156>

**Old Treaties and New Alliances Empower Native Americans** by Kirk Johnson, November 15, 2016.

*“The simmering standoff between the police and Native Americans and their allies who oppose a giant oil pipeline project in North Dakota is the most visible sign of an emerging movement that is shifting the debate about how public lands across North America should be managed.”*

[http://www.nytimes.com/2016/11/16/us/old-treaties-and-new-alliances-empower-native-americans.html?smid=pl-share&\\_r=1](http://www.nytimes.com/2016/11/16/us/old-treaties-and-new-alliances-empower-native-americans.html?smid=pl-share&_r=1)

**Climate Science Information Needs for Tribes in the Northwest: Results from an Online Survey of Northwest Tribes.** This report summarizes results from an online survey administered in February 2016 to identify high-priority climate science research needs among Pacific Northwest tribes. The survey presented tribes with the opportunity to articulate their highest priority information needs, ultimately to be conveyed to regional climate researchers, scientists, and others studying these issues. Cascadia Consulting Group, in partnership with the Port Gamble S’Klallam Tribe and the Northwest Indian Fisheries Commission, undertook this effort to direct and initiate an open line of communication between the science and tribal communities. Enhanced communication is intended to provide data that

will inform tribal decision-making about adaptation, help scientists identify areas where targeted research could be immediately actionable, and identify opportunities for joint grant applications and other research collaborations. Prepared by: Cascadia Consulting Group With support from: Port Gamble S'Klallam Tribe and Bureau of Indian Affairs In collaboration with: Northwest Indian Fisheries Commission. PDF report is available here:

[http://www.cascadiaconsulting.com/uploads/pdf/tribalclimatescienceneedssummary\\_final.pdf](http://www.cascadiaconsulting.com/uploads/pdf/tribalclimatescienceneedssummary_final.pdf).

## [Job Opportunities](#)

**Alaska BIA Tribal Climate Science Liaison** in [anchorage](#) / [jobs](#). **Aleutian Pribilof Islands Association, Inc.**

**Position Description:** The Aleutian Pribilof Islands Association, through a collaborative agreement with Bureau of Indian Affairs, is seeking applications from qualified candidates for the position of Tribal Climate Science Liaison. The successful candidate will work with tribal communities across Alaska to improve their capacity to prepare for and respond to climate-related environmental impacts. This includes identifying their climate-related information needs and enhancing the planning and implementation of adaptation actions in response to a changing climate. The specialist will also work with a network of tribal climate science liaisons across the US to identify shared needs and recommendations for federal partners to advance climate adaptation for tribes and non-tribal professionals. The position is a term-funded position (with potential for renewal). More information is available here: <http://www.apiai.org/2016/10/alaska-bia-tribal-climate-science-liaison/>

**[Upper Snake River Tribes – Environmental Program Director Job Announcement](#)**. The Environmental Program Director will serve as the lead point person on environmental issues for the USRT Foundation. The Environmental Program Director is responsible for carrying out the environmental policy directives of the member tribes and reports directly to the USRT Executive Director, with assurance to program quality and accountability to advance the long term goals for the USRT Foundation and member tribes. Initiated in 2012, the Environmental Program Director will continue to develop and implement the Environmental Program at USRT. The Environmental Program Director will coordinate existing Environmental Protection Agency (EPA) Indian General Assistance Program (GAP) funded programs amongst USRT's member tribes and co-develop consensus projects with EPA to protect, enhance, and restore cultural and natural resources pursuant to the USRT Charter. The position will remain open until filled. Contact [info@usrtf.org](mailto:info@usrtf.org) with additional questions.

**AmeriCorps VISTA Volunteer on Climate Change Projects for the Tribal Colleges & Universities/VISTA Program** (AmeriCorps). The Native Climate Resilience Network (NCRN) is a coordinated effort across Tribal communities to identify and plan for local climate change issues. Tribal Colleges and Universities (TCUs) develop site specific projects that integrate traditional, culturally specific ecological knowledge with western science practice in an effort to plan for locally identified climate change issues and to strengthen and develop partnerships with climate change experts. Deadline: TBD  
<https://environment.uw.edu/wp-content/uploads/2016/05/NCRN-Flyer.pdf>

## [Upcoming Events](#)

**November 19, 2016. [Winona LaDuke –Rights of Nature](#), University of Oregon.** Community Rights Lane County along with UO Native American Studies, Ethnic Studies and the Tribal Climate Change Project is hosting a “Rights of Nature” presentation by Winona LaDuke in the EMU Ballroom, Saturday November

19th at 7pm. Winona will speak on Nature’s historic position as “property” and the international call to legally recognize Nature’s right to exist, persist and naturally evolve. This event will be livestreamed: <http://media.uoregon.edu/channel/livestream>.

**November 30-December 1, 2016. Ocean Acidification Workshop. *State of the Science*. [Registration is now open](#).** The [Alaska Ocean Acidification Network](#) is hosting a 2-day workshop in Anchorage, inviting a broad audience across the state interested in ocean acidification issues. Location: Anchorage Downtown Marriott. (There will be opportunities for remote participation at satellite viewing sites and via personal computer). Registration: This workshop is free and open to the public. Please register by Nov 7. Topics will include: OA basics, Current monitoring efforts and recent findings, Impacts to marine species, Forecasting ocean acidification, Communication and community engagement, Strategies for adaptation. See full agenda on the workshop information [page](#).

**December 1, 2016. 12 pm Pacific. Climate Conversations: COP 22 – A Report from Marrakesh. Chris Davis, Governor Inslee’s Senior Advisor for Energy and Carbon Markets.** A brown bag series on climate change sponsored by Seattle Public Utilities and the Henry M. Jackson Foundation. Hosted by Cascadia Consulting Group. For more information and to RSVP, contact Kevin Zerbe at [kevin@cascadiaconsulting.com](mailto:kevin@cascadiaconsulting.com).

**December 5-8, 2016. Intertribal AG Council (IAC) 30th Annual Membership Meeting.** <http://www.indianaglink.com/member-meeting>

**December 6, 2016. 8:30 – 1:00 pm Pacific. Public Forum for Soliciting Input for Peer Reviewers of the Northwest Forest Plan Science Synthesis.** Doubletree by Hilton Portland Hotel. 1000 NE Multnomah St, Portland, OR 97232. <http://www.fs.fed.us/pnw/research/science-synthesis/index.shtml>.

**December 9, 2016. [National Domestic Fair Trade Conference: Fair Trade and Racial Justice in Our Agricultural Supply Chain](#).** 3-Day Conference including local tours, keynote speakers, panels, workshops, and the presentation of a domestic fair trade award. [2016dftaconference.brownpapertickets.com](http://2016dftaconference.brownpapertickets.com)

**December 10-15, 2016. Conference: 8<sup>th</sup> National Summit on Coastal and Estuarine Restoration New Orleans, LA.** This annual summit brings together the restoration and coastal management communities for robust discussions that explore critical issues, solutions and lessons learned that face our nation’s coasts and estuaries. <https://www.estuaries.org/Summit>

**December 13–14, 2016. Symposium on Climate Displacement, Migration, and Relocation. University of Hawai’i at Mānoa, Honolulu, Hawai’i.** Contact: Maxine Burkett, [burkettm@hawaii.edu](mailto:burkettm@hawaii.edu). The Council on Environmental Quality, in collaboration with the Hawaii and Alaska Sea Grant College Programs, and the William S. Richardson School of Law at the University of Hawai’i Manoa, will host the Symposium on Climate Displacement, Migration, and Relocation December 13-14, 2016. This symposium will provide an opportunity for stakeholders, researchers, policy experts, indigenous leaders, and local, state, and federal government officials to explore legal and policy opportunities and challenges arising from climate displacement. This includes questions about how to plan for and implement voluntary migration and community-led relocation as adaptation strategies to the impacts of climate change, both domestically and in the context of the Pacific Islands. The Pacific Islands Climate Science Center and NOAA Office for Coastal Management are also cosponsors of the symposium. The symposium will address some of the myriad legal and policy questions that arise as a result of climate change-related impacts on human displacement, migration, and relocation—both internal and cross-border—with an

emphasis on recent and near term effects on the United States.

<https://seagrant.uaf.edu/conferences/2016/climate-migration/index.php>

**January 25-26, 2017. [California Climate Change Symposium](#), Sacramento, CA.** This symposium is the premier forum for the sharing of cutting-edge research addressing the impacts of climate change on the state. This research informs the state's strategies and policies to reduce greenhouse gas emissions and to develop programs to safeguard California from a changing climate.

**February 14-16, 2017. Conference: 2017 Climate and Health Summit in Atlanta, Georgia.** The central theme at the Summit will be "Translation of Science to Practice." We expect participation of experts from academia, federal agencies, and international organizations; practitioners from state/local health departments; and leaders in private foundations engaged in broad-ranging climate and health issues. If you have any questions, please contact [ClimateHealthSummit2017@cdc.gov](mailto:ClimateHealthSummit2017@cdc.gov).

**March 8-10, 2017. [National Environmental Justice Conference and Training Program](#). Washington D.C.**

**May 9-11, 2017. [National Adaptation Forum](#). St. Paul, MN.** The National Adaptation Forum is the gathering of the adaptation minded. Since the Forum is created by and for the members of the adaptation community, the meeting focuses on issues of the day.

<http://www.nationaladaptationforum.org/>

**May 15, 2017. [Climate-Smart Conservation with Scenario Planning](#). National Conservation Training Center, Shepherdstown, WV.** This five day class is based on two guides: Climate-Smart Conservation: Putting Adaptation Principles into Practice and Considering Multiple Futures: Scenario Planning to Address Uncertainty in Natural Resource Conservation. The first half of the course refers to the climate-smart conservation guidance and is designed to demystify climate adaptation for application to on-the-ground conservation. It will provide guidance in how to carry out adaptation with intentionality, how to manage for change and not just persistence, how to craft climate-informed conservation goals, and how to integrate adaptation into on-going work. For more information, contact Jill Del Vecchio; [jill\\_delvecchio@fws.gov](mailto:jill_delvecchio@fws.gov), (304) 876-7424, [jill\\_delvecchio@fws.gov](mailto:jill_delvecchio@fws.gov).

## 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](#)
- [Columbia River Intertribal Fish Commission](#)
- [Northwest Indian Fisheries Commission](#)
- [Affiliated Tribes of Northwest Indians](#)
- [Alaska Native Tribal Health Consortium LEO Network](#)
- [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](#)

## **[Newsletters and Calendars](#)**

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