
Pacific Northwest Tribal Climate Change Network: Meeting Notes and Email Bulletin – October 21, 2020

Participants

Coral Avery, NW CASC/ATNI	Paul McCollum, Port Gamble S’Klallam Tribe
Alexis Baker, Upper Snake River Tribes Foundation	Kelsey Morales, ITEP
John Cambalik, Washington Climate Assembly	Don Motanic, Intertribal Timber Council
Marissa Fierro, California Indian Environmental Alliance	Gary Morishima, Quinault Indian Nation
Laura Gephart, Columbia River Intertribal Fish Commission	Rachael Novak, Bureau of Indian Affairs
Eliza Ghitis, Northwest Indian Fisheries Commission	Alexander Kellogg, EPA Region 10
Keith Hatch, BIA	Steven Mesa, BIA
Nathan Heintz	Mark Petrie, Confederated Tribes of Lower Coos, Umpqua and Siuslaw Indians
Rob Jacob, Elk Valley Rancheria	Holly Prendeville, Northwest Climate Hub
Meredith Jacobson, University of Oregon	Sara Smith, College of Menominee Nation
Aaron Jones, Tulalip Tribes	Cheryl Shippentower, Confederated Tribes of Umatilla Indian Reservation
Chas Jones, NW CASC ATNI Tribal Liaison	Jason Stephens, Washington Climate Assembly
Kendra Kaiser, Boise State University	Amanda Vasquez, Graton Rancheria
Tylo Kennedy, Klawock Cooperative Association	Karen Wolfgang, CO2 Foundation
Kathy Lynn, PNW Tribal Climate Change Network	Ann Wyatt, Klawock Cooperative Association

Meeting Notes

National Tribal Leadership Climate Change Summit. The Affiliated Tribes of NW Indians (ATNI), National Congress of American Indians (NCAI), United South and Eastern Tribes (USET), and Pacific Northwest Tribes are hosting the National Tribal Leadership Climate Change Summit from October 2020 to May 2021. The first virtual session took place on Tuesday, October 13th, 2020 and focused on Tribal climate policy and climate change implications for Tribes, First Nations, and Indigenous communities. Tribal policy experts presented a Tribal analysis and discussion on the key pillars of the recently released action plan from the House Select Committee on Climate Crisis “Solving the Climate Crisis: The Congressional Action Plan for a Clean Energy Economy and a Healthy, Resilient, and Just America.” Guest speakers included:

- U.S. Representative Suzanne Bonamici
- ATNI President, Leonard Forsman (Suquamish Tribe)
- Washington Governor Jay Inslee (Invited)
- NCAI President, Fawn Sharp (Quinault Nation)
- Samuel Schimmel, Youth Steering Committee Member
- Kyle Whyte (Citizen Potawatomi Nation)
- Sub Chief Kenneth Jock, Saint Regis Mohawk Tribe (NE US)
- Andrea Carmen (Yaqui Nation), International Indian Treaty Council

The session was recorded and is available online, along with other resources from the event:

- [Recorded presentation of the event](#)
- [Dr. Kyle Whyte Tribal Review Slides](#)
- [All slides for Summit](#)
- [Link to post-event survey](#)

ATNI also held a Tribal Youth Leadership Climate Change Summit on October 9, 2020. <http://atnitribes.org/climatechange/ts/>. You can follow ATNI Instagram @atnitribes for event updates and grant opportunities.

Tribal Review of the 2020 Congressional document: [Solving the Climate Crisis: The Congressional Action Plan for a Clean Energy Economy and a Healthy, Resilient, and Just America](#). ATNI led an effort to perform a Tribal Review of the 2020 Congressional document titled: [Solving the Climate Crisis: The Congressional Action Plan for a Clean Energy Economy and a Healthy, Resilient, and Just America](#). The Congressional Action Plan (CAP) was developed by the [House Select Committee on the Climate Crisis](#). The CAP aims to fulfill a set of integrated goals: reach net-zero emissions by 2050; reduce pollution in environmental justice communities; and reach net-negative emissions in the second half of the 20th century. Twelve pillars of climate action promote their overarching goals. The purpose of the Tribal Review is to provide Tribal Nations, inter-tribal organizations, and other interested parties with a framework of the CAP that will: (i) provide information to Tribal leaders regarding impacts and opportunities, gaps, concerns, and Tribal priorities identified in a critical review of the CAP; (ii) assist Tribal leaders in strategizing to address the priorities and gaps of the CAP; (iii) provide draft language that Tribal leaders may deploy in communications with policymakers to advance fulfillment of objectives, including Tribal resolutions. <http://atnitribes.org/climatechange/cap/>

Building a Streamflow Catalog for the Pacific Northwest. Kendra Kaiser from Boise State University joined the call to share information on efforts to build a streamflow catalog for the Pacific Northwest. Streamflow measurements are made by various organizations for differing purposes, but these data are often not easily discoverable, limiting their availability and utility for other objectives. Centralizing this siloed information into a single electronically accessible streamflow catalog will improve resource agencies' ability to use all available streamflow data when making management decisions or assessing how streamflow is changing over time and space. The USGS and Boise State are being funded through the Northwest Climate Adaptation Science Center to collect information about non-USGS streamflow measurements (both continuous and discrete) across the Pacific Northwest, in order to create a geospatial catalog that shows where, when, and how streamflow has been measured. The water resources community is invited to share their streamflow data with this project, provide input on development of a digital streamflow catalog and curate a prioritized list of streamflow datasets for inclusion. Upon completion the catalog will be available to the community. The scope of the streamflow project includes Oregon, Washington and Idaho. For more information about this project, and to request a flyer, contact Kendra Kaiser at kendrakaiser@boisestate.edu.

Washington Climate Assembly. John Cambalik and Jason Stephens joined the call to share information about the Washington Climate Assembly. In early 2021, 80 randomly-selected Washington residents will come together to learn, discuss, deliberate, and recommend ways to reduce net greenhouse gas emissions for State Legislature consideration. [People's Voice on Climate](#) and our Coordinating Team, the [Cascadia Consulting Group](#), are recruiting Tribal government participants reflecting various Indigenous geographies from around the state, to provide technical, policy, and social perspectives in various capacities, including:

- Monitoring Team which oversees the running of the Assembly;
- Scoping Team which develops the Question the Assembly will address;
- Assembly Member Selection Criteria Team which decides how members will be randomly selected;
- Advising on the Assembly Agenda; and
- Presenting to the Assembly

Earlier this month, we sent a [letter](#) to the Chairs of all Tribal governments and inter-Tribal government organizations, as well as key staff, to recruit participants. **Please RSVP with your interest using this web form by October 31, 2020.** If you have any questions, please contact Johanna Lundahl, Communications & Outreach Coordinator, by email (johanna@peoplesvoiceonclimate.org) or phone (1-360-602-2566). On October 28, from

1:00-3:00 p.m. PT, there will be a virtual [information session](#) for the Assembly. Please RSVP if you'd like to attend. Marissa asked if there is funding available for Tribal participation. John suggested that there may be some funding for honoraria for those participating on one of the various teams. There was also a question about protocols in place for protection of traditional knowledge. John suggested that there are rules and procedures that organizers are following and that there will be discussion of traditional knowledges and appropriate protocols during the planning process, and there will not be a recording made of the assembly deliberation.

Cultivating the Next Generation: The Northwest Youth Corps Tribal Stewards Program. Don Motanic shared work that the Intertribal Timber Council (ITC), along with the Bureau of Indian Affairs Forest and Wildland Fire Management Division, is engaged in to develop a strategic plan to increase the number of Native Americans involved with forestry and natural resources. As part of the plan, the first step was conducting a survey with Tribes to assess and find successful programs and practices to replicate throughout the nation. [\[Click here\]](#) The Northwest Youth Corps (NYC) Tribal Stewards Program is one program identified through the survey and could be used as a model elsewhere. More information on this effort is available here: <http://www.forestry.org/northwest-office/western-forester/julyaugustseptember-2020>

Waiver of AGU Fall Meeting registration fees for Indigenous Persons. The American Geophysical Union has asked me to extend the offer of **no-cost registration to Indigenous Persons** who wish to attend the [Fall Meeting](#), one of the world's largest virtual scientific conferences. This will be the most diverse, engaging and dynamic Fall Meeting to date. #AGU20 is scheduled from 1-17 December to accommodate over a thousand hours of virtual content to minimize conflicts while maximizing global engagement. Scientific program content will be available on-demand, with pre-recorded oral presentations and virtual posters available for attendees to view and peruse outside of the scheduled live Q&A sessions during the meeting. There are a number of sessions, panels, and posters that may be of interest, including:

- [The Arctic-Boreal science sessions](#)
- [Coproduction of Knowledge Sessions](#)
- [Keynote Plenaries and Panels](#)

Call for Statements of Interest for Tribal Climate Adaptation Research Projects Federal Fiscal Year 2021.

Deadline for Statements of Interest – December 17, 2020. The Northwest and Southwest Climate Adaptation Science Centers (NW CASC, SW CASC) invite statements of interest for tribal climate adaptation research projects to be initiated in Federal Fiscal Year (FY) 2021. The NW CASC is seeking statements of interest for tribal climate adaptation research projects that focus on the following priorities, as identified and described in the NW CASC Science Agenda for 2018-2023: 1) management of aquatic resources, 2) management of at-risk species and habitats, 3) management of invasive species and diseases, 4) management of forest ecosystems, and 5) human dimensions of climate adaptation. Statements of interest that describe leveraging of existing projects will also be considered. The SW CASC is requesting statements of interest that specifically draw upon the application of traditional methods of ecosystem restoration and natural resource management, with special emphasis on fire in the context of climate change and adaptation. These projects can be used as seed funding in preparation for subsequent calls for proposals or focus on developing a process for implementing traditional practices and/or building bridges between western (conventional) and indigenous practices. Statements of interest that describe leveraging of existing efforts will also be considered. <https://nwcasc.uw.edu/2020/10/10/nw-casc-funding-opportunity-for-tribal-climate-adaptation-research-projects/>

Virtual Southwest Climate Change 101 Course: Adaptation Planning for Tribal Environmental Professionals.

Registration Deadline is November 12, 2020. This course is a collaboration between the Institute for Tribal Environmental Professionals, the Southwest Climate Adaptation Science Center, and the American Indian Higher Education Consortium. This is a week-long virtual course, running for approximately 5 hours (breaks included) each day from November 16-20th. This course introduces planning for climate change impacts, with examples of

how tribes have approached the adaptation planning process. The course is intended for tribal environmental and natural resource professionals who expect to be involved in climate change adaptation planning. Since the course will focus on climate change impacts in the Southwest, we especially encourage tribal environmental staff from this region to attend. Others are welcome to attend but should realize that the content will focus on the Southwest. Topics include:

- Overview of climate change and impacts in the Southwest
- Process of developing climate change adaptation plans, from getting started, to impact and vulnerability assessments, to developing adaptation strategies
- Tools, resources, and partnerships for adaptation planning

This course employs a variety of instructional methods including presentations, tribal case studies, and small and large-group discussions and activities. Participants will complete a pre-course assignment prior to attending the course. You can register here: https://nau.zoom.us/meeting/register/tZYtdeGgrz4iE9WbH_FdRUHbqI85I7yn-tke

Indigenous Food, Energy, and Water Security & Sovereignty (INDIGE-FEWSS) Program. The Indigenous Food, Energy, and Water Security & Sovereignty (INDIGE-FEWSS) Program has released the first newsletter publication, available, here: <https://energy.arizona.edu/indigefewss>.

Fifth National Climate Assessment – Call for Author Nominations and Technical Inputs. Deadline for Submissions: November 14, 2020. The U.S. Global Change Research Program (USGCRP) is pleased to announce that the call for author nominations and technical inputs for the Fifth National Climate Assessment (NCA5) is now open. Please refer to the Federal Register Notice for a full description of the call. Prospective authors nominated through this call may be invited to serve as Chapter Lead Authors, Authors, or Technical Contributors to NCA5. For more information on author roles, see www.globalchange.gov/nca5. As with previous assessments, nominations are sought for authors with relevant subject matter expertise and backgrounds in the natural or social sciences. We encourage participation from all non-governmental sectors as well as federal employees. Individuals interested in being considered for chapter leadership positions should have experience with leading collaborative teams under deadlines. In addition, USGCRP is seeking submissions of relevant scientific and/or technical publications, including peer-reviewed and published literature (or literature that has been accepted for publication), as well as regional and topical information and information for cross-cutting or new topics since the previous assessment. Learn more and find out how to submit your nomination or technical input here: globalchange.gov/notices.

Call for Abstracts: 11th Northwest Climate Conference

The call for abstracts for the [11th Northwest Climate Conference](#) is open. You may submit abstracts for oral presentations, poster presentations and special sessions. **Abstracts are due November 27, 2020.** The 11th Northwest Climate Conference will take place **online** on April 6-8, 2021. The Program Committee welcomes submissions on a range of themes and topics related to climate science, impacts, adaptation and management decisions. We welcome presentations on work that links science, decision makers and communities. The Northwest Climate Conference (NWCC) is committed to building equity and diversity in climate science, policy, and adaptation practice and supporting equitable climate adaptation outcomes. **Abstracts related to these topics are strongly encouraged.** If you know of organizations involved in this work, please share the call for abstracts with those organizations. In addition to soliciting presentations that specifically address climate justice and equitable climate outcomes, all submitting authors are asked to consider how their work connects to issues of diversity and equity, and how the conference can better support equity and diversity in climate science, policy, and adaptation practice. Visit the Northwest Climate Conference [website](#) for more information about themes and topics.

- [Special Sessions Abstract Submission](#)
- [Oral Presentation Abstract Submission](#)
- [Poster Abstract Submission](#)

Call for Papers: COVID-19 Impacts on Forests The Frontiers in Forests and Global Change. Submission

deadline: October 30, 2020. This call for papers incorporate a wide range of observational, experimental and special modeling studies that address key aspects of the impact of the COVID-19 pandemic on forests. Authors are invited to submit original papers, reviews/mini-surveys, methodologies and opinion articles that relate to this topic. For more info, click here: <https://www.frontiersin.org/research-topics/14527/covid-19-pandemic-impacts-on-forests>.

Policy Brief: Supporting Tribal Data Governance For Indigenous Community Climate Resilience. *Released by the University of Arizona Native Nations Institute and the Climate Assessment for the Southwest (CLIMAS).* Tribal communities have the right to define, collect, protect, interpret, manage, and apply data in a way that respects Indigenous ethics, values, and relational responsibilities. These rights are critically relevant in the context of increasing climate impacts, where Indigenous communities need access to culturally relevant data to inform effective decision-making and to strengthen climate resilience. Citation: Dominique David-Chavez, Daniel B. Ferguson, Andrew Curley, Travis Lane, Sheldwin Yazzie, Sarah LeRoy, and Stephanie Russo Carroll. 2019. Policy Brief: Supporting Tribal Data Governance for Indigenous Community Climate Resilience. Tucson: Native Nations Institute and the Climate Assessment for the Southwest, University of Arizona. To download the policy brief, [click here](#).

COVID-19 Resources and updates

- **National Congress of American Indians - Indian Country Resources Coronavirus (COVID-19).** NCAI's COVID-19 Resource Center shares critical information, resources, and updates with tribal nations, communities, and leaders as they respond to the pandemic and address its many impacts. This weekly broadcast highlights the latest key additions to the resource center. <http://www.ncai.org/Covid-19>
- **Environmental Protection Agency Indoor Air and COVID-19 Webpage:** <https://www.epa.gov/coronavirus/indoor-air-and-coronavirus-covid-19>.
 - [Indoor Air in Homes and Coronavirus \(COVID-19\)](#)
 - [Ventilation and Coronavirus \(COVID-19\)](#)
 - [Air Cleaners, HVAC Filters and Coronavirus \(COVID-19\)](#)
 - [Additional Measures to Address COVID-19 in Public Indoor Spaces](#)
 - [COVID-19, Wildfires, and Indoor Air Quality](#)
 - [Science and Technical Resources related to Indoor Air and Coronavirus \(COVID-19\)](#)
 - [Indoor Air and COVID-19 Key References and Publications](#)
- **Indian Health Service COVID-19 Updates.** The Indian Health Service is posting updates and resources about COVID-19 at www.ihs.gov.
- **COVID-19 Funding for Tribes. Center for Disease Control.** <https://www.cdc.gov/tribal/cooperative-agreements/covid-19.html>
- **USDA Coronavirus Resources.** <https://www.usda.gov/coronavirus>
- National Wildfire Coordinating Group [COVID-19 Prevention & management during wildfire operations](#)
- [Association of Fire Ecology COVID-19 wildland fire resources](#)
- [Forest Stewards Guild Wildfire Resilience and COVID-19](#).

Funding Opportunities

For a searchable grant database, visit the Tribal Climate Change Funding Guide here: <https://tribalclimateguide.uoregon.edu/>.

Native Small Business Grant Opportunity. NCAI is offering business stabilization grants in the amount of \$5,000 each to a total of 28 selected Native-owned small businesses that have been severely impacted by the curtailing of commercial activity caused by the COVID-19 pandemic. **APPLICATION DEADLINE: Rolling application process; application window will remain open until all funds are exhausted.** For more information about this grant opportunity, eligibility criteria, and how to apply, please [click here](#).

The National Fish Passage Program (NFPP). **Deadline to submit proposals: October 28, 2020.** The National Fish Passage Program (NFPP) is a voluntary program that provides direct technical assistance to partners. In doing so, the program aims to maintain or increase fish populations in order to improve ecosystem resiliency and to provide quality fishing experiences for the American people. For more information, click here. Deadline: October 1, 2019 to September 30, 2020. Technical Assistance to Tribes: FY 2021-Financial and technical assistance for Tribes and tribal organizations as they develop, manage, and protect their water and related resources. [Apply here](#).

Species Recovery Grants to Tribes. **Applications due October 29, 2020.** Species Recovery Grants to Tribes support tribally-led management, research, monitoring, and outreach activities that have direct conservation benefits for [listed species under the Endangered Species Act](#). Recently delisted species, proposed, and candidate species are also eligible. Proposals focusing on listed Pacific salmon or steelhead are not considered under this grant program but may be supported through the [Pacific Coastal Salmon Recovery Fund](#). These grants support tribally-led management, research, monitoring, and outreach activities that have direct conservation benefits for ESA-listed species. Recently delisted species, proposed, and candidate species are also eligible. **Funding Opportunity #:** NOAA-NMFS-PRPO-2021-2006473. <https://www.fisheries.noaa.gov/grant/species-recovery-grants-tribes>

Oregon Department of Environmental Quality's (DEQ) Materials Management grant program. **DEQ's Materials Management Grant Application Deadline Extended Due to Wildfires and Evacuations: October 30, 2020.** Oregon Department of Environmental Quality's (DEQ) Materials Management grant program is now accepting applications. Grants are for projects that reduce impacts across the full cycle of materials and products. The lifecycle of materials and products includes product design, raw material extraction, manufacturing, transport, consumption, use, reuse, repair, recovery through recycling, composting or anaerobic digestion, and disposal. Grant application forms and instructions are on our [website](#). Local governments, tribal governments, nonprofit organizations, small businesses and schools (for food waste prevention projects only) are eligible to apply. This year, focus points will be attributed to projects that increase or improve online or other access to activities that reduce the environmental and human health impacts of materials (materials management activities). Access must comply with state COVID-19-related [guidelines and restrictions](#). Additional points will be awarded for projects that increase or improve access for historically marginalized communities. For more information, visit: <https://www.oregon.gov/deq/mm/Pages/Grants.aspx>.

USDA Rural Development: Rural Energy for America Program. **Deadline to apply: November 2, 2020.** The Rural Energy for America Program (REAP) provides guaranteed loan financing and grant funding to agricultural producers and rural small businesses for renewable energy systems or to make energy efficiency improvements. Agricultural producers with at least 50 percent of their gross income coming from agricultural operations or small businesses in eligible rural areas are encouraged to apply. Applications are open and are accepted year-round at your state USDA-Rural Development Energy office. *For more information about the REAP application, please click here.* <https://www.rd.usda.gov/programs-services/rural-energy-america-program-renewable-energy-systems-energy-efficiency>.

Regional Conservation Partnership Program (RCPP) Conservation Projects. Deadline for applications: November 4, 2020. USDA has announced \$360 million in funding for the next round of Regional Conservation Partnership Program (RCPP) conservation projects. Projects applications are now being accepted for locally drive, public-private partnerships that improve the nation's water quality (including drinking water sources), combat drought, enhance soil health, support wildlife habitat, and protect agricultural viability. Projects are eligible to receive between \$250,000 and \$10 million in RCPP funding. For more information and to apply, click here: <https://www.nrcs.usda.gov/wps/portal/nrcs/main/national/programs/financial/rcpp/>.

Funding Opportunity: NOAA's Adaptation Science Program. Applications are due by November 30, 2020. For Fiscal Year 2021, the National Oceanic and Atmospheric Administration's Adaptation Science Program is soliciting proposals focused on U.S. coastal communities planning for the future impacts of flooding in the context of climate change and other stressors. The program seeks to advance the science of adaptation by soliciting proposals for interdisciplinary and social science research projects that accelerate, expand and enhance the effectiveness and scale of adaptation and resilience planning and implementation in the face of complex challenges in coastal settings. <https://cpo.noaa.gov/Funding-Opportunities/FY-2021-Notice-of-Funding-Opportunity>

Department of Energy: Energy Infrastructure Deployment of Tribal Lands 2020 Funding Opportunity Announcement. The Application deadline has been extended to December 10, 2020. DOE's Office of Indian Energy is soliciting applications from tribal nations, including Alaska Native Regional Corporations and Village Corporations, Intertribal Organizations, and Tribal Energy Development Organizations. For more information, [click here](#).

HUD Indian Housing Block Grants. Apply by December 10, 2020. The U.S. Department of Housing and Urban Development (HUD) is accepting applications from eligible Indian tribes and tribally designed housing entities to carry out affordable housing activities for benefits of low-income Native American families. Grant funds may be used to develop, maintain, and operate affordable housing in safe and healthy environments on Indian reservations and in other Indian areas, and carry out other affordable housing activities. Grant funds must be used to primarily benefit low-income Indian families. https://www.hud.gov/program_offices/public_indian_housing/ih/grants/ihbg_cgp.

FY 2021 WaterSMART Drought Response Program: Drought Contingency Planning Grants Funding Opportunity. Applications are accepted through Wednesday January 6, 2021 at 4pm MST. The FY 2021 WaterSMART Drought Response Program: Drought Contingency Planning Grants Funding Opportunity Announcement (FOA) was posted to [grants.gov](https://www.grants.gov) yesterday afternoon. <https://www.grants.gov/web/grants/view-opportunity.html?oppld=322320>. Under the Drought Contingency Planning FOA, applicants can request up to \$200K to develop a drought contingency plan, or plan update, in two years. There is a cost-share waiver available under exceptional/limited circumstances (see C.2. in the FOA). Eligible applicants include states, tribes, irrigation districts, water districts, and other organizations with water or power delivery authority in the 17 Western United States and Hawaii. There will be a webinar on Wednesday October 14th at 10:30am MDT to discuss this funding opportunity. Webex Meeting link: <https://bor.webex.com/bor/j.php?MTID=m5627c1f9f178316a1844347e02bcf8b7>
Meeting number: 199 036 4467 and Password: k6Q8AP6NJPD

Fiscal Year 2020 Notice of Funding Opportunity for Hazard Mitigation Assistance Grants.

Deadline: January 29, 2021. FEMA has posted the Fiscal Year 2020 (FY20) Hazard Mitigation Assistance (HMA) Notification of Funding Opportunities (NOFOs) for the Flood Mitigation Assistance (FMA) grant program and the new Building Resilient Infrastructure and Communities (BRIC) pre-disaster mitigation grant programs. FEMA's two competitive mitigation grant programs provide states, local communities, tribes and territories (SLTTs) funding for eligible mitigation activities to strengthen our nation's ability to build a culture of preparedness by reducing disaster losses and protecting life and property from future disaster damages. The application opens in September, and will remain open through January 2021. The grants link contains information about the program, application details, and links to sign up for FEMA webinars. The overview link has a cleaner description of the program and its goals.

<https://www.fema.gov/grants/mitigation/fy2020-nofo>

Media, Publications and Online Resources

Northwest Climate Hub. October 2020 Newsletter .

<https://www.climatehubs.usda.gov/sites/default/files/October%202020%20NW%20Climate%20Hub%20Newsletter.pdf>

Declining Marine Health Threatens Traditional Subsistence Fishing for Tribes. *By Frances Lee. October 20, 2020.*

<https://southseattleemerald.com/2020/10/20/declining-marine-health-threatens-traditional-subsistence-fishing-for-tribes>

Preserving Our Place: Isle de Jean Charles. *By Chantel Comardelle. October 19, 2020.*

<https://nonprofitquarterly.org/preserving-our-place-isle-de-jean-charles/>

Karuk Tribe leads effort to fight racism and climate change with fire. *By Dan Bacher. October 13, 2020.*

<https://www.dailykos.com/stories/2020/10/13/1986147/-Karuk-Tribe-leads-effort-to-fight-racism-and-climate-change-with-fire>

Indigenous Peoples' Day: Seeing COVID's impact on majority Native American counties.

<https://blog.covidactnow.org/covid-native-american-counties/>

Job, Fellowship and Scholarship Opportunities

Fellowship Opportunity: CLIMAS 2021 Environment & Society Graduate Fellows Program. **Applications are due by October 26, 2020.**

The Climate Assessment for the Southwest (CLIMAS) program is currently accepting applications for the 2021 Environment & Society Graduate Fellows Program. This fellowship supports University of Arizona graduate students from any degree-granting program whose work is focused on collaborative environmental research. The Fellows Program is made possible by CLIMAS, the University of Arizona Office of Research, Innovation, & Impact, and the Arizona Institutes for Resilience.

<https://climas.arizona.edu/content/environment-society-graduate-fellows-program>

Beyond Toxics: Climate Policy and Legislative Affairs Manager. Eugene, Oregon. **Application deadline:**

October 30, 2020. Beyond Toxics seeks an experienced and a team-oriented person to fulfill our mission to expand an environmental justice movement that affirms climate justice, clean air and water, healthy ecosystems

and land stewardship principles. The person we seek must share our vision that Oregon will advance an underpinning of climate and environmental justice policies to frame victories for climate action, public health, environmental protections and community wellbeing. https://www.beyondtoxics.org/wp-content/uploads/ClimatePolicy_and_LegislativeAffairsManager_Oct2020-BEST.pdf

Beyond Toxics: Environmental Justice Grassroots Organizer for Southern Oregon. Application deadline: October 30, 2020. Beyond Toxics seeks an Environmental Justice Grassroots Organizer for Southern Oregon to support our environmental justice program. This strategy requires working directly with communities to create opportunities for a Just Transition and for meaningful and lasting inclusion in decisions that affect their surrounding environment (air, water, soils, climate and ecosystems). Our new staff member must understand how to be collaborative, inclusive, and accessible while leading in environmental justice policies that meet the diverse needs of Black, Indigenous, Latino/a/x and people of color communities in Southern Oregon. https://www.beyondtoxics.org/wp-content/uploads/EJ_So-OR_JobDescription_9-25-2020-FINAL.pdf

2021 International Summer Program on Indigenous Peoples' Rights and Policy (ISSP) Application deadline: October 31, 2020. The International Summer Program on Indigenous Peoples' Rights and Policy at Columbia University Columbia University's ISHR and Center for the Study of Ethnicity and Race are glad to inform you that they are now accepting applications for the 2021 International Summer Program on Indigenous Peoples' Rights and Policy (ISSP). For more information about the program and to apply, click here: <http://www.humanrightscolumbia.org/sites/default/files/IPRIp%20Summer%202021.pdf>. For questions, please contact Columbia.indigenous@gmail.com.

USDA Climate Hub Liaison Detail for NRCS Employees. Applications due November 1, 2020. The Natural Resources Conservation Service is soliciting applications from its employees as project liaisons to the USDA Climate Hubs. Selected employees are on detail for the calendar year, remain at their current duty station and under NRCS supervision and funding, and work full time directly with a specific climate hub on a focused project that provides benefits to both NRCS and the USDA Climate Hub. Interested NRCS employees should submit the following information to Mike Wilson at mike.wilson2@usda.gov on or before November 1, 2020. <https://directives.sc.egov.usda.gov/ViewerFS.aspx?hid=45595>

National Conservation Training Center: Training Announcement. Registration deadline: November 12, 2020. Natural resource and conservation professionals are tasked with understanding the impacts of a changing climate and using this knowledge in making decisions. This 8 week online course is designed to cover the fundamentals of climate science, provide an overview of tools and resources for climate adaptation, and increase climate literacy and communication skills. The course is designed to encourage networking among conservation professionals engaged in the management of fish, wildlife, habitat, and cultural resources and provides participants an opportunity to interact with experts as they address case studies across multiple habitat types. For more information and to register, [click here](#).

Native American Natural Resource Scholarship. Deadline: December 1, 2020, 5:00 p.m. PST. The Intertribal Timber Council (ITC), in partnership with the USDA Forest Service Research and Development is pleased to announce scholarship opportunities for Native American graduate students who are planning or currently conducting tribally relevant research in a natural resource issue. Award: Varies, not to exceed \$5,000 Purpose: The ITC Education Scholarship is designed to support tribally relevant, natural resource based, research being conducted by Native American scholars enrolled in a graduate program. https://www.itcnet.org/about_us/scholarships.html

Call for Statements of Interest for Tribal Climate Adaptation Research Projects Federal Fiscal Year 2021. Deadline for Statements of Interest – December 17, 2020. The Northwest and Southwest Climate Adaptation

Science Centers (NW CASC, SW CASC) invite statements of interest for tribal climate adaptation research projects to be initiated in Federal Fiscal Year (FY) 2021. The NW CASC is seeking statements of interest for tribal climate adaptation research projects that focus on the following priorities, as identified and described in the NW CASC Science Agenda for 2018-2023: 1) management of aquatic resources, 2) management of at-risk species and habitats, 3) management of invasive species and diseases, 4) management of forest ecosystems, and 5) human dimensions of climate adaptation. Statements of interest that describe leveraging of existing projects will also be considered. The SW CASC is requesting statements of interest that specifically draw upon the application of traditional methods of ecosystem restoration and natural resource management, with special emphasis on fire in the context of climate change and adaptation. These projects can be used as seed funding in preparation for subsequent calls for proposals or focus on developing a process for implementing traditional practices and/or building bridges between western (conventional) and indigenous practices. Statements of interest that describe leveraging of existing efforts will also be considered. <https://nwcasc.uw.edu/2020/10/10/nw-casc-funding-opportunity-for-tribal-climate-adaptation-research-projects/>

NOAA Climate & Global Change (C&GC) Postdoctoral Program. Application Deadline: January 8, 2021

UCAR's Cooperative Programs for the Advancement of Earth System Science (CPAESS) manages the NOAA Climate and Global Change Postdoctoral Program on behalf of the NOAA Climate Program Office. <https://cpaess.ucar.edu/cgc>

Sapsik'wafá (Teacher) Education Program. The deadline for applying is January 15, 2021.

The Sapsik'wafá (Teacher) Education Program is seeking highly qualified American Indian/Alaska Native/Indigenous applicants for our cohort to begin classes in June 2021 at our beautiful campus on Kalapuya Ilihi (Eugene, Oregon). Sapsik'wafá students engage in a rigorous full-time 12-month program and receive an MEd in Curriculum and Teaching in partnership with the [UOTeach master's / licensure program](#) while gaining Indigenous methodologies for teaching. Please see the attachments to learn more about program provisions, and our [admissions checklist](#) for details on how to apply. Please contact sapsikwala@uoregon.edu if you have additional questions.

Upcoming Events

October 23, 2020. 3:30 pm Pacific. Klamath Day of Action: UnDam the Klamath. After decades of planning, in 2016 Warren Buffett's PacifiCorp agreed to remove four dams on the Klamath River by 2020. Money for their removal has already been collected, but PacifiCorp and Buffett are now threatening to back out of dam removal due to a recent federal ruling made in July 2020. This goes back on two decades of negotiations and betrays the trust of many Tribal nations and Klamath River communities. Dam removal is a win-win. It saves ratepayers money, helps to stop toxic algae and restore salmon, and opens over 400 miles of habitat. We need your help to remove these dams. Klamath River communities are holding a Day of Action to UnDam the Klamath. We invite you to hold a sign, hang a banner, post on social media, or submit video testimonials. Folks who want to learn more and take action against the Klamath dams can register for "Mobilizing for Water Justice" at tinyurl.com/Mobilize4Water. Tribal members will discuss the current state of the Klamath dams, followed by a virtual rally to advocate for their removal. For more info go to californiasalmon.org or follow Save California Salmon on Facebook: <https://www.facebook.com/SaveCaliforniaSalmon>

October 26, 2020. 11:00 am Pacific. Pacific Northwest Drought Early Warning System - October Drought & Climate Outlook Webinar. These webinars provide the region's stakeholders and interested parties with timely information on current and developing drought conditions as well as climatic events like El Niño and La Niña. Speakers will also discuss the impacts of these conditions on things such as wildfires, floods, disruption to water supply and ecosystems, as well as impacts to affected industries like agriculture, tourism, and public health. <https://register.gotowebinar.com/register/8886511764215780365>

October 27, 2020. 12:30 pm Pacific. Informational Webinar: Fifth National Climate Assessment – Call for Author Nominations and Technical Inputs. USGCRP and the Social Science Coordinating Committee are hosting an informational webinar for social scientists interested in contributing to NCA5 on October 27, 2020, from 3:30–4:30 PM ET. The webinar will focus on increasing the integration of social sciences throughout NCA5, and highlight opportunities for researchers and individuals to get involved. USGCRP leadership will provide an introduction to the Program and the NCA, and social scientist authors of past NCA chapters will share their experiences. Register for the webinar here: <https://docs.google.com/forms/d/e/1FAIpQLSeYFU1ZJUmnNlaYGdn86L1nPLpuZAJ998I0fYZ6bB1uG9bA/viewform>

October 28, 2020. 11:00 am Pacific. 2020 Empowering Tribal Culture, Ecology, And Food Systems Webinar Series: Episode 5: *AIMing for SOS: FBIC/BLM/SER Native Seed and Grassland Restoration Program: The Tribal Nursery Program on the Fort Belknap Indian Reservation* – Cristina Eisenberg, PHD, FBIC/BLM/SER Native Seed and Grassland Restoration Program Director, Oregon State University, and Wendy Velman, Botany Program Lead, Bureau of Land Management (BLM). <https://westernforestry.org/upcoming-conferences/2020-empowering-tribal-culture-ecology-and-food-systems-webinar-series-free>

October 28, 2020. 12:00 pm Pacific. Indigenous Speaker Series. Hosted by Northwest Indian College - Nez Perce Site, in partnership with University of Washington - Tacoma. Access our website for upcoming events and previous recordings: [Indigenous Speaker Series Website](#). Remember CEUs are available by completing the evaluation: <https://bit.ly/NWIC-CEUEvaluation>. Featured Speakers are Yakaiyastai Gorman and Joshua Dennis. To [Register](#), click here or with the link: bit.ly/INDIGSPEAK16.

October 28, 2020. 6:00 pm Pacific. 14th Annual Rennard Strickland Lecture. Honoring the former UO Law School Dean and Native American scholar Featuring Fawn Sharp, President of the Quinault Indian Nation and President of the National Congress of American Indians. The lecture will be held via Zoom Webinar. Link coming soon. Sponsored by the Native Environmental Sovereignty Program of the Environmental and Natural Resources Law Center and the Wayne Morse Center for Law and Politics. <https://law.uoregon.edu/academics/centers/enr>

October 28-29, 2020. Oregon-Washington Water Year 2020 Recap and 2021 Outlook Meeting. The 15th annual Oregon-Washington Water Year Meeting: 2020 Recap and 2021 Outlook will be held as two virtual morning meetings. To register, click here: <https://docs.google.com/forms/d/e/1FAIpQLSejapR3TWdP0FFJss1yVIFJRGNepsZEE0FynobHfAZ8sjoxA/viewform>

October 29, 2020. 11 am Pacific. The Climate Displacement Forum Part 4: Migration & Receiving Communities. To register, click here: <https://register.gotowebinar.com/register/8264971041414295823>

October 30, 2020. 11:00 am Pacific. Virtual Rising Voices 8: Health Working Group Session. The event will be live-streamed. To join the session, click here: <https://www.youtube.com/channel/UCYdZzLwvC8ab8KaegLL-4dA/live>.

October 30, 2020. 10am-4pm Pacific. Save California Salmon and Humboldt State University's Department of Native American Studies Present "Advocacy and Water Protection in Native California Symposium." The symposium will feature students, environmental professionals, and activists on subjects including dam removal, salmon aquaculture, TEK, and fisheries and fire management, and will include workshops and panels on GE salmon, youth advocacy, and Indigenous knowledge. Presenters are affiliated with Tribes across the US. For a detailed schedule of events go to: californiasalmon.org/mobilize-for-water-justice. Register for the

symposium at: tinyurl.com/SCSsymposium2020

November 5, 2020. 11 am Pacific. The Climate Displacement Forum Part 5: Policy Considerations at Multiple Scales. To register, click here: <https://register.gotowebinar.com/register/8264971041414295823>

November 5, 2020. 12 pm Pacific. [Remote Sensing for Mangroves in Support of the UN Sustainable Development Goals](#). NASA's Applied Remote Sensing Training Program (ARSET) has opened registration for a new open, online webinar series: [Remote Sensing for Mangroves in Support of the UN Sustainable Development Goals](#). This 3-part series (November 5, 12, 19) focuses on mapping and monitoring mangroves and how it relates to UN sustainable development indicator 6.6.1: Change in the extent of water-related ecosystems over time. Indicator 6.6.1 is used in determining progress toward meeting [Sustainable Development Goal 6](#), which is to "Ensure availability and sustainable management of water and sanitation for all." Understanding mangrove ecosystems and mapping their extent is critical to meeting this goal. Mangroves are critical ecosystems, provide coastal protection from storm surges, maintain our climate, control floods, and stabilize coastlines. Additionally, they serve as nurseries for a number of marine wildlife species. Mangroves are also integral to the blue carbon family. Blue carbon is carbon stored, sequestered, or released from coastal vegetation ecosystems (Heer et al. 2012). Therefore, understanding mangrove extent and biomass is essential to managing the sustainability of our water ecosystems. https://appliedsciences.nasa.gov/join-mission/training/english/remote-sensing-mangroves-support-un-sustainable-development-goals?utm_source=social&utm_medium=ext&utm_campaign=Mangroves-20

November 10, 2020. 11:30 am Pacific. Environmental Justice - Tribes and Indigenous Peoples. This webinar will feature presentations on the EPA Policy on Environmental Justice for Working with Federally Recognized Tribes and Indigenous Peoples, the three (3) EPA EJ financial assistance programs (1- EJ Small Grants, 2- EJ Collaborative Problem-Solving Cooperative Agreements, and 3 - State -Tribal, Local & Territorial governments- EJ Cooperative Agreements). <https://www.eventbrite.com/e/environmental-justice-tribes-indigenous-peoples-ej-policy-ej-grants-tickets-124114711443>

November 12, 2020. 12 pm Pacific. Remote Sensing for Mangroves in Support of the UN Sustainable Development Goals. https://appliedsciences.nasa.gov/join-mission/training/english/remote-sensing-mangroves-support-un-sustainable-development-goals?utm_source=social&utm_medium=ext&utm_campaign=Mangroves-20

November 16, 2020. 10 am Pacific. Webinar: Improving Ethical Practice in Transdisciplinary Research Projects. Hosted by the Northwest Climate Adaptation Science center. A transdisciplinary research approach requires thoughtful consideration of ethical concepts to enable working with individuals, communities and organizations as partners in, rather than subjects of, transdisciplinary research. This webinar will explore principles for improving ethical practice in transdisciplinary research in socio-ecological settings, such as appropriate representation, deference, self-determination and reciprocity. We will discuss opportunities to deepen ethical skills for researchers in all career stages. [To register, click here:](#) https://washington.zoom.us/webinar/register/WN_-aTPra-1Q72BNlnExRzYw

November 17-18, 2020. [Virtual Carbon Friendly Forestry Conference](#). The Washington Environmental Council hosts an annual [Carbon Friendly Forestry Conference](#), bringing together diverse thinkers – policy makers, academics, conservationists, tribal representatives and staff, forest owners, and business leaders – to learn about and discuss innovative strategies and opportunities for sustainable forest management that can create a stronger economy and healthier communities in a changing climate. You can find more information and materials from our most recent event [here](#). To register, visit: <https://wecprotects.org/program/carbon-friendly-forestry/>.

November 19, 2020. 12 pm Pacific. Remote Sensing for Mangroves in Support of the UN Sustainable Development Goals. https://appliedsciences.nasa.gov/join-mission/training/english/remote-sensing-mangroves-support-un-sustainable-development-goals?utm_source=social&utm_medium=ext&utm_campaign=Mangroves-20

December 3, 2020. 6:00 pm Pacific. From Cliffs to Coasts: stories of climate resilience. Join the University of Washington Climate Impacts Group as it [celebrates 25 years](#) of building climate resilience through rigorous science and innovative, cross-sector partnerships. Over the next six months, the Climate Impacts Group will host three virtual lectures related to climate resilience. The first event, scheduled for Thursday, December 3, features Climate Impacts Group scientists and partners in discussion about efforts across the state of Washington to prepare for rising sea levels and shifting ecosystems. [Learn more and register for the December lecture.](#)

April 6 - 8, 2021. 11th Annual Northwest Climate Conference. The 11th annual Northwest Climate Conference will be held virtually Tuesday,. Originally scheduled for October 2020, but delayed due to COVID-19, this will be the first NW Climate Conference to be held entirely online. Please mark your calendars for the conference and stay tuned for registration information. The [NW Climate Conference](#) brings together more than 500 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 Northwest. The conference also provides a forum for presenting emerging policy and management goals, as well as information needs related to regional climate impacts and adaptation. <https://www.nwclimateconference.org/>

April 19-21, 2021. Shifting Seasons Summit: Sharing Adaptation and Resilience Knowledge Across Indigenous Communities. Menominee Casino Resort Convention Center. The Shifting Seasons Summit is a gathering that focuses on climate resilience planning and implementation within Tribes and across Tribal ceded territories in the Northeast Region. This summit will include network-building opportunities and initiatives developed outside of the Northeast by capacity-building organizations, academic institutions and tribal nations. For more information, click here: <http://www.nicrn.org/2021-shifting-seasons-summit.html>

May 2021. 2020 National Tribal Leadership Climate Change Summit. Seattle, WA. The Affiliated Tribes of NW Indians, National Congress of American Indians, United South and Eastern Tribes, Pacific NW Tribes, and regional and national inter-tribal organizations are convening Tribal Leaders and staff from Tribal Nations, First Nations, and Indigenous communities from around the world. Our goal is to build on the knowledge and experiences related to climate change impacts and traditional knowledges, develop approaches that promote Tribal leadership in adaptation, mitigation, and resiliency, and foster pathways to influence climate policy regionally, nationally, and internationally. The Summit will include internationally renowned plenary speakers, participatory breakout sessions, youth sessions, climate solution exhibition, and more. The Summit will culminate in the development of a policy platform to ensure that Tribal Nations are leaders in moving climate policy forward in the United States and around the world. <http://atntribes.org/climatechange/ts/>

May 23-28, 2021. ATNI Tribal Climate Camp. Anchorage, AK. The Affiliated Tribes of Northwest Indians, U.S. Bureau of Indian Affairs, Michigan State University, Portland State University's Institute for Tribal Government, Chugach Regional Resources Commission, and the Northwest Climate Adaptation Science Center are collaboratively offering the 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. For more information, [click here.](#)