
Pacific Northwest Tribal Climate Change Network: Email Bulletin – December 18, 2020

Meeting Participants

Coral Avery, NW CASC/ATNI
Dominique Bachelet, Oregon State University
Marissa Fierro, California Indian Environmental Alliance
Laura Gephart, Columbia River Intertribal Fish Commission
Eliza Ghitis, Northwest Indian Fisheries Commission
Sarah Frederick, EPA Region 10
Oliver Grah, Nooksack Indian Tribe
Rachel Gregg, EcoAdapt
Kas Guillozet, Bonneville Environmental Foundation
Keith Hatch, Bureau of Indian Affairs
Richard Herman, Bhutan Cultural Exchange
Donna House, Dine' (Navajo Nation)
Meredith Jacobson, University of Oregon
Chas Jones, NW CASC ATNI Tribal Liaison
Tylo Kennedy, Klawock Cooperative Association
Kathy Lynn, PNW Tribal Climate Change Network

Paul McCollum, Port Gamble S'Klallam Tribe
Don Motanic, Intertribal Timber Council
Rachael Novak, BIA
Jessica Olson, Columbia River Gorge Commission
Britt Parker, NOAA National Integrated Drought Information System
Holly Prendeville, Northwest Climate Hub
Sara Smith, College of Menominee Nation and NE Climate Adaptation Science Center
Alyssa Samoy, BIA
Colleen Sanders, Confederated Tribes of the Umatilla Indian Reservation
Stefan Tangen, North Central Climate Adaptation Science Center
Xitlali Torres, University of Oregon
Bree Turner, NOAA
Amanda Vasquez, Graton Rancheria
Shane Vatland, Nez Perce Tribe

Meeting Notes

NIDIS Tribal Drought Engagement Strategy. Britt Parker joined the call to give a presentation on the inaugural NOAA National Integrated Drought Information System (NIDIS) [Tribal Drought Engagement Strategy](#), which presents guiding principles of tribal engagement, as well as key outcomes and tribal engagement activities for NIDIS and partners to implement in 2021 and beyond. This Strategy was developed by engaging with tribal nations within the Missouri River Basin and Midwest Drought Early Warning Systems (DEWS); however, the principles, as well as many of the activities, extend beyond these two regions. To download the NIDIS Tribal Drought Engagement Strategy, visit:

<https://www.drought.gov/drought/documents/nidis-tribal-drought-engagement-strategy-2021%E2%80%932025>. A summary of the plan and drought impacts on Tribes is available here:
<https://www.drought.gov/drought/news/nidis-tribal-drought-engagement-strategy>.

Britt also shared information about the upcoming launch of a new drought.gov website. She anticipates the new site will be launched in January and will feature state and county-level data on drought conditions, impacts of drought on various sectors, news and publications, and other resources. Britt shared that a future goal of the site includes data for tribal lands. If you have any questions or if you would like to beta-test the new site, please contact Britt at britt.parker@noaa.gov.

Northwest Regional Invasive Species and Climate Change (NW RISCC) Network. Rachel Gregg with EcoAdapt joined the call to share information about the Northwest Invasive Species and Climate Change (NW RISC) Network. Several regional agencies and organizations have partnered to create the Northwest Regional Invasive Species and Climate Change (NW RISCC) Network, a community of practice dedicated to helping practitioners address the nexus of climate change and invasive species, including plants, animals, and pathogens. The

objective is to help practitioners within federal, tribal, state, and local agencies and conservation organizations integrate climate change science and adaptation with invasive species prevention, early detection, control, monitoring, and research activities. The Network has launched a [survey](#) about invasive species in a changing climate and is seeking input from individuals with interest and/or experience in invasive species management and climate change adaptation, such as scientists, resource managers, conservation practitioners, field crew personnel, fire managers, agency leads, agricultural specialists, and more. Input will be used to help shape the strategic agenda and action plan for the Network, including partnership and funding opportunities. The survey should take ~10-15 minutes to complete, and responses will be summarized (without names) and shared with respondents. **To take the survey, click here: <https://www.surveymonkey.com/r/GTXNP3L>. The survey is open until Monday, December 21, 2020.**

Rachel offered to share survey results on an upcoming Network meeting and with anyone who may be interested in them. You can contact Rachel with any questions at rachel.g@ecoadapt.org.

Washington Climate Assembly. John Cambalik, a volunteer with the Washington State Climate Assembly, joined the call to give an update on their efforts. The livestream announcement for the official selection of 80 Assembly Members and 10 alternates from Washington State took place December 17. You can watch the announcement here: <https://www.youtube.com/channel/UCvsfOyeeCAzECRs-s7sNGCw>.

John shared that there is a Monitoring Team currently working to review and approve the Rulebook and will oversee the Assembly. This team includes 6 Tribal members and/or current or retired staff participants from various Indigenous geographies around the state, to provide technical, policy, and social perspectives. Assembly Member Recruitment took place this fall and participants will be randomly selected in a livestream event. Members of the Assembly will come together to learn, discuss, deliberate, and recommend ways to reduce net greenhouse gas emissions for State Legislature consideration. John shared that the question to the Assembly is this: How can Washington State equitably design and implement climate mitigation strategies while strengthening communities disproportionately impacted by climate change across the State? <http://WAClimateAssembly.org> and <http://PeoplesVoiceOnClimate.org>

Announcements

Rising Voices Questionnaire - observations, responses, and questions related to COVID-19. Rising Voices invite you to please fill out a short questionnaire about your observations, responses, and questions related to COVID-19. This questionnaire is a follow-up to a previous questionnaire in April 2020. Please respond to this questionnaire regardless of whether you responded previously, as well as circulate this email in among your other networks. The questionnaire's deadline has been extended and will be open until **Friday December 18, 2020**. Link to questionnaire: <https://forms.gle/WgoYR3aBYuHxVo397>. As before, the goal of the questionnaire is to better foreground Indigenous perspectives and experiences in our understanding of COVID-19. In particular, we hope to gain a better understanding of how COVID-19 impacts and responses have evolved since last April. Findings from this questionnaire will be compiled along with those from the previous questionnaire and shared broadly with the Rising Voices network as well as networks of tribal and other emergency managers, disaster response professionals, and others for whom the insights may be meaningful and helpful. The questionnaire is entirely voluntary and you may answer all or just a selection of the questions. This project has been approved by the University Corporation for Atmospheric Research Human Subjects Committee under HSC Memo #2020-22. If you have any questions or concerns, contact Heather Lazrus (hlazrus@ucar.edu), Julie Maldonado (jmaldonado@likenknowledge.org), or the UCAR HSC (hsc@ucar.edu) or visit the HSC website at <http://www.ucar.edu/hsc/>.

Pacific Northwest Drought Early Warning System (DEWS) Strategic Plan. The Pacific Northwest Drought Early Warning System (DEWS) Strategic Plan outlines priority tasks and activities to build drought early warning capacity and resilience. Partners from across the PNW met in Portland, OR in October 2019 to discuss progress made since the 2017-2018 strategic plan and next steps. Discussions acknowledged the progress made to better communicate and collaborate in preparing for and responding to drought, and led participants to ask how the DEWS might further facilitate not only information delivery but also action to reduce the impacts of drought. The 2020 drought in the region resulted in greater coordination and collaboration between the states and exposed some additional needs, which were added to the plan. For more information, visit: <https://www.drought.gov/drought/documents/pacific-northwest-drought-early-warning-system-strategic-plan>.

NCAI Passes Climate-Related Resolutions at 77th Annual Convention and Marketplace. Last month, NCAI and its voting membership passed two climate action resolutions and amended a previous 2017 resolution on the Climate Paris Accord.

- **#PDX-20-030:** The Development of a 2021 Tribal Climate Crisis Action Plan calls upon NCAI to approve the Affiliated Tribes of Northwest Indians' Tribal Review of the U.S. House Select Committee on the Climate Crisis' Congressional Action Plan. The ATNI Tribal Review will be used to develop and implement a congressional, executive branch, and international tribal climate crisis action strategy. *To view this resolution, click [here](#).*
- **#PDX-20-044:** This resolution calls upon NCAI to fully support tribal nations that seek to adopt a co-production of knowledge approach for research conducted on, near, or about tribal lands, waters, air, and communities. *To view this resolution, click [here](#).*
- **Amended #MOH-17-053:** This amended resolution calls upon the President of the United States to rejoin the Paris Climate Agreement as soon as possible. *To view this resolution, click [here](#). To view NCAI's statement condemning the United States' formal withdrawal from the Paris Climate Accord, click [here](#).*

To view all resolutions passed at NCAI's 77th Annual Convention, please click [here](#).

Invitation to Review IPCC Sixth Assessment Report

The U.S. Department of State seeks expert comment on the second-order draft of the Working Group II contribution to the Intergovernmental Panel on Climate Change (IPCC) Sixth Assessment Report (AR6). Comments are solicited from the U.S. scientific expert community and interested stakeholders. **Comments are due by January 8, 2021.** [Click Here](#) for the notice.

Shifting Seasons Summit 3: Call for student posters

Showcase your projects, research and climate-related work at the 2021 Shifting Seasons Summit Virtual Student Poster Session. Connect with other students and learn more about opportunities in climate resilience fields. **Submission deadline: February 1, 2021.** Visit <http://www.nicrn.org> for details.

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>.

- o [Indoor Air in Homes and Coronavirus \(COVID-19\)](#)
- o [Ventilation and Coronavirus \(COVID-19\)](#)
- o [Air Cleaners, HVAC Filters and Coronavirus \(COVID-19\)](#)
- o [Additional Measures to Address COVID-19 in Public Indoor Spaces](#)
- o [COVID-19, Wildfires, and Indoor Air Quality](#)
- o [Science and Technical Resources related to Indoor Air and Coronavirus \(COVID-19\)](#)
- o [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 <https://www.ihs.gov/coronavirus/news/>.
- **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.](#)
- **The Impact of COVID-19 on the Lives of Indigenous Women and Their Strategies to Deal with the Pandemic.** The spread of the COVID-19 pandemic has exposed the structural historical inequalities experienced by Indigenous Women, being ranked among the groups most at risk due to the particular conditions in which indigenous peoples live. Click [here](#) to review the International Indigenous Women Forum documentation of the impacts of COVID-19 on the lives on Indigenous women.

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](#).

Strategic Environmental Research and Development Program (SERDP) call for proposals.

Deadline: January 7, 2021. SERDP is requesting proposals that respond to the following focused Statements of Need (SONs) in Resource Conservation and Resiliency related to:

- Threatened, Endangered, and At Risk Terrestrial Species' Response to Multiple Stressors
- Saltwater Intrusion Impacts on DoD Installation Infrastructure.

<https://www.serdp-estcp.org/Funding-Opportunities/SERDP-Solicitations>

Bureau of Indian Affairs Endangered Species Program Bureau of Indian Affairs (BIA). Deadline:

January 13, 2021. The Bureau of Indian Affairs has announced plans to provide funding (of up to \$150,000 per applicant) in an effort to support restoration, management, and economic development, of "tribal trust resources", as they are defined in the FOA attachment: "Those natural resources, either on or off Indian lands, retained by, or reserved by or for Indian tribes through treaties, statutes, judicial decisions, and executive orders, which are protected by a fiduciary obligation on the part of the U.S." (BIA, Endangered Species Program, Ranking Criteria and Application Process). As highlighted in the application process, the project proposals are expected to promote tribal revenue, through the utilization of these resources. Therefore, significant effort and concern should be placed in the preservation of important natural and

traditional resources. BIA Northwest Region website:

<https://www.bia.gov/regional-offices/northwest>.

Bureau of Indian Affairs Fish Hatchery Maintenance Program. Deadline: January 13, 2021.

The Bureau of Indian Affairs has announced plans to provide funding for fish (and/or shellfish) hatchery maintenance initiatives, within the eligible jurisdictions focused on in the program. BIA Northwest Region website: <https://www.bia.gov/regional-offices/northwest>.

Bureau of Indian Affairs Invasive Species (IS) Program: Deadline: January 13, 2021. Successful applications will focus on the management/control of invasive species on tribal trust lands, individual Indian allotment lands, or in areas managed by tribes through treaties or agreements. Instead of focusing on the definition of "Invasive Species," this program will focus on the damage caused to Tribal Trust Resources and leave it to the discretion of the applicant to describe whether the species is "invasive" or represents an instance in which a native species is behaving as an invasive species due to altered environmental conditions. This funding can cover all invasive species (plants/animals) outside of noxious weeds in agricultural settings. BIA Northwest region: <https://www.bia.gov/regional-offices/northwest>

Bureau of Indian Affairs Tribal Youth Initiative (TYI) Program. Deadline: January 13, 2021.

Initiative funding for the support and development of tribal youth programs focused on science in line with conservation and resource management. The programs will provide opportunities for youth to become engaged in the field of natural resource management and foster their interest in pursuing educational opportunities and a career in natural resources management" (Bureau of Indian Affairs, Tribal Youth Initiative (TYI) Program, Ranking Criteria and Application Process). BIA Northwest region: <https://www.bia.gov/regional-offices/northwest>

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>

National Forest Foundation 2021 Matching Awards Program Nationwide Grant Opportunity.

Deadline: January 31, 2021. The National Forest Foundation is pleased to announce that it is currently soliciting proposals for its Matching Awards Program (MAP). MAP is a national, competitive grant program that provides federal funds for on-the-ground projects benefiting America's National Forests and Grasslands. The program supports action-oriented projects that enhance outdoor experiences, forest and ecosystem health, and engage local communities in caring for their public lands. Geographic Scope: National, must benefit U.S. National Forests and Grasslands. Eligible Applicants: 501(c)(3) nonprofits, universities, and federally-recognized Native American tribes. Match Requirements: 1:1 nonfederal cash match. Learn More about MAP & Register for Webinar.

https://www.nationalforests.org/grant-programs/map?mc_cid=80d8dd0a1d&mc_eid=ab1f223af
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FY 2021 WaterSMART Drought Response Program: Drought Contingency Planning Grants Funding Opportunity. Applications are accepted through Wednesday February 11, 2021 at 4pm MST.

The FY 2021 WaterSMART Drought Response

Program: Drought Contingency Planning Grants Funding Opportunity Announcement (FOA) is posted to [grants.gov](https://www.grants.gov).

<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.

Department of Energy: Energy Infrastructure Deployment of Tribal Lands 2020 Funding Opportunity Announcement. The Application deadline has been extended to February 11, 2021. 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](#).

Media, Publications and Online Resources

'I'll be fierce for all of us' Rep. Deb Haaland is poised to become the first Native American to lead a Cabinet agency.

By Aliyah Chavez. [Indian Country Today](#) December 17, 2020.

<https://indiancountrytoday.com/news/i-ll-be-fierce-for-all-of-us-6ry2p054SE2dELR9BC-ezA>

How Indigenous Communities Are Adapting To Climate Change: Insights From The Climate-Ready Tribes Initiative. Schramm, P.J., Al Janabi, A.L., Campbell, L.W., Donatuto, J.L. and Gaughen, S.C., 2020. How Indigenous Communities Are Adapting To Climate Change: Insights From The Climate-Ready Tribes Initiative: Analysis examines how indigenous communities are adapting to climate change. *Health Affairs*, 39(12), pp.2153-2159.

<https://www.healthaffairs.org/doi/10.1377/hlthaff>

Job, Fellowship and Scholarship Opportunities

City of Portland Tribal Relations Associate. Deadline to Apply: December 21, 2020. The City of Portland's Tribal Relations Program within the Office of Government Relations promotes culturally grounded, long-term, positive relationships and decision-making processes through government-to-government engagement with tribal governments and the urban Native American community by providing effective representation, context, strategic advice, and quality service to the City Council and all City bureaus. The Tribal Relations Associate will support the Tribal Relations Director in this politically sensitive, diverse and highly complex work environment. Major duties of this position involve: providing quality, effective, and timely customer service to a variety of clients; extensive writing, editing and coordinating reports and newsletters; researching topics to support the City's Tribal Relations Program objectives; monitoring and reporting on key tribal issues impacting tribal governments and the urban Native American community; tracking news and social media and maintaining social media account(s); and planning, organizing, coordinating the events to support the City's Tribal Relations work. The Tribal Relations Associate will also assist in maintaining databases and files, provide additional support to complex special projects or programs that require coordinating with City Bureaus and/or external parties, and

perform related duties as assigned. For more information and to apply:

<https://www.governmentjobs.com/careers/portlandor/jobs/2923932/tribal-relations-associate-commissioners-staff-rep>.

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>

University of Michigan's Environmental Fellows Program. Deadline: January 15, 2021. The Environmental Fellows Program (EFP) at the University of Michigan (U of M) School for Environment and Sustainability (SEAS), in partnership with the [Environmental Grantmakers Association \(EGA\)](#), is a 12-week *summer fellowship opportunity* that seeks to diversify the environmental field by cultivating the career aspirations of master's and doctoral students from *historically underrepresented groups* by connecting students to work opportunities in environmental nonprofits, grant makers, and government sectors. For more information, visit: <https://efp.seas.umich.edu/>

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

The Sapsik'wałá (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'wałá 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.

University of Washington Doris Duke Conservation Scholars Program. Deadline to apply: February 1, 2021.

The Doris Duke Conservation Scholars Program at the University of Washington. DDCSP@UW is designed for students who want to pursue their passion for nature conservation and environmental justice, and are at the beginning of their studies at a four-year college or university. Students from two-year colleges will be considered on a case-by-case basis. While all applicants should be interested in a potential career in conservation, applicants do not need to be natural-science majors. We are looking for students interested in nature and wildlife conservation from any majors. We create cohorts of students with a wide range of interests, experiences, and perspectives, asking only that they demonstrate a commitment to conservation and equity, and are curious, creative and enthusiastic!

For more information, visit: <http://uwconservationscholars.org/program/apply/>.

William M. Lapenta Student Internship Program. Applications are due February 1, 2021. NOAA is offering paid summer internships through the William M. Lapenta NOAA Student Internship Program targeted towards current 2nd and 3rd year undergraduate and enrolled graduate students to work in areas that will provide robust research and/or operational experience that will prepare the student for further study in NOAA fields, for application to fellowships or for the NOAA-mission workforce. This internship program enables the National Weather Service (NWS), Office of Oceanic and Atmospheric Research (OAR), and National Environmental Satellite Data and Information Service (NESDIS) to target the skills needed to fulfill their specific mission needs. Projects may be focused on research areas or development of operational products such as decision support tools, climate and weather forecast models, data analysis methodologies and social science strategies to communicate climate and weather information. Overall, students will focus on areas that will meet the future needs of NOAA's ever-broadening user community and address strategic weather-water-climate issues. See here for more information and how to apply: https://www.weather.gov/ncep/student_internships

Applications for the University of California Santa Cruz Doris Duke Conservation Scholars Program. Deadline for Applications: February 1, 2021. Applications for the University of California Santa Cruz Doris Duke Conservation Scholars Program (conservationscholars.ucsc.edu) are available today through February 1st. We would like to enlist your help reaching prospective Scholars using the attached materials, social media posts, websites, and invitations to webinars. Our goal is to serve students from groups traditionally underrepresented in conservation, across disciplines, who can contribute to diversifying, redefining, and strengthening efforts to protect land, wildlife, and water. Each March we select 20 early-undergraduate Scholars from around the country to participate in a two-year conservation mentorship program focused on the summers between academic years. We highly encourage applicants from groups underrepresented in environmental conservation to apply. Visit our [FAQ](#) for more questions about eligibility and criteria. We are planning three informational webinars on [November 15](#), [December 15](#), and [January 15](#). Please incorporate the attached flyer, slides, and short video into talks and presentations, or print and distribute it. For more information, visit conservationscholars.ucsc.edu or email us at scholars@ucsc.edu.

Upcoming Events

January 12, 2021. 10 am - 1:30 pm Pacific. National Tribal Leadership Climate Change Summit. Session II will focus on learning about policies and practices that promote Tribal Climate Resiliency in the United States and Canada. The purpose is to engage leadership and staff in building resilience to meet pressing, complex challenges Indigenous communities must face through leadership engagement and increased familiarity with successful examples, tools, and technologies. To register, click here: <https://kauffmaninc.zoom.us/meeting/register/tJAqcu6trz0iHNPSu27OHN5VkkjYV3ulnj>

January 15, 2021. 11 am Pacific. USDA Forest Service. Tribal Information Webinar. Proposed Directives Updates: Timber Management. A webinar will be presented by Forest Service staff to: Provide an overview of the proposed updates to Timber Management Directives; Discuss how to submit comments; and to Discuss how to engage in Tribal consultation. The USDA Forest Service is proposing several updates to its Timber Management Directives. The proposed changes include updates to FS Manual 2470 and FS Handbook 2409.17 for Silvicultural Practices as well as updates to FS Handbook chapters 2409.11a on Cubic Scaling on Stacked Wood and Piles, 2409.12 on Timber Cruising, and 2409.18 on Timber Sale Preparation. The amendments are part of a broader effort to improve efficiency in how the agency manages forests, delivers forest products, and carries out timber sales, in part through updating Directives to reflect new authorities and more closely align with current and future forest restoration needs. [Click here to join the meeting](#). Or call in (audio only) +1 202-650-0123,142926435#.

January 20-21, 2021. Northeast Regional Invasive Species and Climate Change (RISCC) 2021 Virtual Symposium. The objective of the meeting is to bring together natural resource managers, scientists, and the invasive species community to discuss challenges and solutions to incorporating climate change into invasive species management. More information about the meeting is <https://www.riscnetwork.org/symposia-2021-agenda>. Register here: <https://docs.google.com/forms/d/e/1FAIpQLScmtwm6vSp9kA02p3LkIYhLOuQhKXY3-THYmQFpDPMkV3LttA/vie wform>

January 25-27, 2021. [USET Virtual Climate Adaptation Plan Writing Retreat](#). This retreat will provide writing opportunities for Tribal Nations continuing to make progress on their adaptation plans, opportunities for feedback, peer editing and reflection, addressing gaps in supporting data and information, and identifying

resources to help with implementation. For more information, please contact Casey Thornbrugh, USET Tribal Climate Science Liaison at cthornbrugh@usetinc.org.

January 26-28, 2021. Midwestern Regional Climate Center (MRCC) Virtual Workshop. This workshop will discuss some of the climate information products and services we provide, and address your questions about them. It will also help us learn how you use climate information so we might enhance our products and services to better meet your climate needs. To minimize Zoom overload, the workshop format will be several short (~1-1.5 hrs) topical sessions and roundtables over the three days, each recorded for later viewing/listening. The workshop is meant to be a dialog, so to make this workshop as relevant to you as possible, we ask you to please complete a brief (< 5 min) questionnaire about the topics you would like the workshop to address. The questionnaire link is: <https://forms.gle/2Fut9A4KBS08iiRj7>.

January 27, 2021. 5:00 – 6:30 pm Pacific. Building Climate Resiliency During COVID-19 Recovery. Hosted by the University of Washington Climate Impacts Group. National experts on climate impacts science and policy will discuss how we can leverage the period of economic and social recovery following COVID-19 to build resilience to climate change. <https://www.cvent.com/c/express/eb1dab49-45de-4ad8-b7f3-2a15acc8525e>

March 2-3, 2021. Virtual Forum: Implementing and Scaling Resilient Solutions in Coastal California. The University of California, Irvine (UCI) will connect coastal planners, managers, practitioners, funders, and decision-makers to share lessons learned and strategies for building coastal resilience.

March 30, 2021. 5:00 – 6:30 pm Pacific. The Next 25-Years: Building a Climate-Resilient Future. Hosted by the University of Washington Climate Impacts Group. What do we need to do to prepare our communities, economies and ecosystems for the climate of the future? This event will bring together scientists, community members and partners to imagine, brainstorm and plan for the next 25 years. <https://www.cvent.com/c/express/ac4373fa-d7d7-4fd9-9cce-6018380c9650>

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](https://www.nwclimateconference.org/) 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](#).

- [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](#)
- [Fourth National Climate Assessment- Volume II: Impacts, Risks, and Adaptation in the United States](#)
 - [Indigenous Peoples Terminology for the Fourth National Climate Assessment](#)
 - [Chapter 24 - Northwest](#)
 - [Chapter 15 – Tribes and Indigenous Peoples](#)
- [Second State of the Carbon Cycle Report \(SOCCR2\):](#)
- [Local Environmental Observer \(LEO\) Network](#)
- [Columbia River Intertribal Fish Commission](#)
- [Northwest Indian Fisheries Commission](#)
- [Affiliated Tribes of Northwest Indians](#)
- [Alaska Native Tribal Health Consortium LEO Network](#)
- [Northeast Indigenous Climate Resilience Network.](#)
- [Georgetown Adaptation Clearinghouse](#)
- [U.S. Climate Resilience Toolkit](#)
- [Northwest Climate Adaptation Science Center](#)
- [USDA Climate Hubs](#)
- [Northwest Climate Hub](#)
- [North Pacific LCC](#)
- [Great Basin LCC](#)
- [Great Northern LCC](#)
- [Environmental Protection Agency \(EPA\) Clean Energy Program](#)
- [Environmental Protection Agency \(EPA\) Climate Change Research](#)
- [Climate Adaptation Knowledge Exchange](#)
- [USDA Forest Service Climate Change Resource Center](#)
- [Climate Smart Land Network](#)
- [University of Washington Climate Impacts Group Building Tribal Capacity for Climate Change Vulnerability Assessment](#)
 - [Tribal Climate Tool](#)
 - [Tribal Vulnerability Assessment Resources](#)
- [Oregon Climate Change Resource Institute/Adaptation International Tribal Climate Adaptation Guidebook Version 1.0](#)
- [White House Climate Change Archives](#)