
Pacific Northwest Tribal Climate Change Network: Email Bulletin and Conference Call Notes – August 15, 2018

Participants:

Nick Bond, WA State Climatologist

Haley Case-Scott, University of Oregon

Meg Chadsey, WA Sea Grant

Robert Compton, BIA NW Region

Helena Deswood, SW Climate Hub

Tom Downey, Siletz Tribe

Laura Gephart, Columbia River Intertribal Fish

Commission

Oliver Grah, Nooksack Tribe

Jill Hardiman, USGS

Keith Hatch, BIA NW Region

Scott Hauser, Upper Snake River Tribes Foundation

Jennie Hoffman, Adaptation Insight

David Jaber, Blue Star Integrative Studio

Chas Jones, Tribal Liaison, Affiliated Tribes of Northwest

Indians & NW Climate Science Center

Tylo Kennedy, KCA, Klawock, Alaska

Stefanie Krantz, Nez Perce Tribe

Kathy Lynn, University of Oregon

Gary Morishima, Quinault Indian Nation

Don Motanic, Intertribal Timber Council

Janet Niessner, Confederated Tribes of Coos, Lower

Umpqua and Siuslaw Indians

Britt Parker, NOAA NIDIS

Holly Prendeville, Northwest Climate Hub

Barrett Ristroph, Fairbanks Alaska

Michael Rossotto, Quileute Tribe

Tom Schlosser, Tribal Attorney

Jeff Trammell, Sauk-Suiattle Indian Tribe

Melissa Poe, Washington Sea Grant, NW Fisheries

Science Center

Lisa Watt, Ecotrust

Fletcher Wilkinson, Samish Indian Nation

Kimberly Yazzie, University of Washington

2018 Pacific Northwest Drought Update

Britt Parker from the National Integrated Drought Information System (NIDIS) and Nick Bond, the Washington State Climatologist, joined the call to provide an update on Northwest Drought conditions and also a future outlook on what to expect in the upcoming months. Britt gave the network an overview of NIDIS and its main goals. NIDIS was created by an act of Congress in 2006 to conduct drought monitoring and to assess the impacts of drought in local communities. NIDIS also aims to improve the nation's capacity to proactively manage drought related risks by providing information and resources to affected stakeholders and communities. Multiple tools were highlighted throughout the presentation including the www.drought.gov portal, which includes tools to assess current drought conditions in your region.

After Britt's presentation, Nick provided a comprehensive outlook on current drought conditions. He highlighted that temperatures in May-June in the Pacific Northwest have been warm and dry, as anticipated from last spring. Stream flows throughout the PNW varied due to geographic location, snowpack, regulated areas, and multiple other factors. Nick noted that there were low flows west of the Cascades. "Normal" weather conditions were based off of the 1981-2010 period. Present forecasts show indicate that there is no sign of an early onset of fall rains. Nick also mentioned that below normal snowfall is expected for the winter of 2018-2019. Selected impacts that Nick mentioned in Washington State relate to water restrictions (mostly voluntary, some mandatory) for some smaller systems, effects on dryland agriculture (e.g., hay yields from second cuttings) and warm stream temperatures leading to thermal barriers for migrating salmon

The full PowerPoint from their presentation is available here: <https://tribalclimate.uoregon.edu/network/>

Pacific Northwest Drought Impact Survey. Britt shared the opportunity to submit observations to the Pacific Northwest Drought Impact Survey: <https://survey123.arcgis.com/share/2d520057c49541bb9e3d6b5dabf7a444>.

They are seeking reports on drought-related conditions and impacts in the Pacific Northwest. Condition and impact reports will help inform drought-related decisions and response. This effort is part of the Pacific Northwest Drought Early Warning System in partnership with Oregon, Washington and Idaho and supported by the National Drought Mitigation Center and the National Integrated Drought Information System. To see conditions and impacts submitted via this survey, please go here:

<http://unl5.maps.arcgis.com/apps/MapSeries/index.html?appid=8cb146f6a88e46c39c1401677ec22356>

Pacific Northwest Drought Early Warning System (DEWS). The Pacific Northwest Drought Early Warning System (DEWS) region includes the states of Idaho, Oregon, Washington and the western portion of Montana that feeds into the Columbia River Basin. NIDIS and the Pacific Northwest Drought Early Warning System are also producing regular drought updates. The July update indicated a combination of high temperatures, low humidity, and dry to record-dry conditions that has increased fire danger in the Pacific Northwest region. Wildfires continue to threaten lives, property, crops, rangeland, and forests. Drier-than-normal conditions are expected to continue across most of the region, which will perpetuate fire danger. To view the full Drought Status Report, click here: <https://www.drought.gov/drought/documents/pacific-northwest-drought-status-update-july-31-2018>. We will share future updates with the Network as they are made available.

Other notes that Britt and Nick shared include:

- The Pacific Northwest DEWS Annual Meeting will be held in conjunction with the Pacific Northwest Climate Conference in Boise, ID on October 9, 2018. More information will be posted soon here: <https://www.drought.gov/drought/calendar>
- US Drought Monitor: <http://droughtmonitor.unl.edu/>
- Drought monitor information for Alaska: <https://www.drought.gov/drought/states/alaska>
- August 27th Webinar registration: <https://www.drought.gov/drought/calendar/events/pacific-northwest-drought-climate-outlook-webinar-august-27-2018>

Britt and Nick's presentations will also be included in the bulletin. If you have any additional questions, you can contact Britt at Britt.Parker@noaa.gov and Nick at nicholas.bond@noaa.gov

3rd California Adaptation Forum

The California Adaptation Forum will take place August 27-29, 2018 in Sacramento, CA. The Forum will gather a multidisciplinary audience of over 700 climate leaders to foster knowledge exchange, innovation, and mutual support to transition California communities from adaptation awareness to planning and action. There will be tribal representatives on a number of panels and a tribally focused pre-forum workshop and post-forum adaptation accelerator. [Scholarships are available](#) for tribal members to help offset travel and registration costs. For more information, visit: <http://www.californiaadaptationforum.org/scholarships/>.

Federal Emergency Management Agency Flood Mitigation Assistance and Pre-Disaster Mitigation funding programs

FEMA has posted the Fiscal Year 2018 (FY18) Notice of Funding Opportunity (NOFO) announcements for the [Flood Mitigation Assistance](#) (FMA) and [Pre-Disaster Mitigation](#) (PDM) grant programs on www.grants.gov on August 3, 2018. FEMA is offering a series of webinars in August and September that will cover Notice of Funding Opportunity announcements, E-Grants for beginners, E-Grants for advanced users, and Tribal Applicants. (Each Session will be scheduled for 1.5 hours.) The FY2018 NOFOs webinar for **prospective tribal applicants** will be offered on **August 29, 2018 at 11 am Pacific**, and **August 30, 2018 at 9 am Pacific**.

Examining the effects of climate on American Indian uses of forests in Pacific Northwest and Northern California.

The lead investigator for the project is Frank Lake, USDA Forest Service Pacific Southwest Research Station. Co-investigators are Jonathan Long, USDA Forest Service Pacific Northwest Research Station, and Kari

Norgaard and Kathy Lynn with the University of Oregon. This project has received funding support from the Northwest Climate Adaptation Science Center. The project will provide an integrated view of social-ecological vulnerability of American Indian tribes to climate effects on forest ecosystems in the Pacific Northwest (PNW) region including the western parts of Washington, Oregon, and northern California. We will synthesize climate work on forests and tribal vulnerability by considering potential changes in the distributions of vegetation communities and disturbance regimes and associated species and resources. This Assessment will consider the distinctive relationships between tribes, the land, and tribal cultural identity. This study will focus on impacts to key traditional resources and associated social values and framing how existing climate science approaches can be more useful to tribes in planning and implementing adaptation approaches that respect tribal knowledge systems and cultural practices. Frank Lake will provide information on the project during the September Network call.

Tribal Water in the Pacific Northwest. Tom Schlosser shared that the Tribal Water in the Pacific Northwest Conference took place in July 2018 in Seattle. Topics included Stream Flows: What Can Tribes Expect to Have Available in the Pacific Northwest?; Tribal fishery management perspective on the process, passage, and implementation of ESSB 6091; the watershed planning and rule amendment process, and Endangered Species Act Litigation. For a complete list of presentations, visit:

<https://www.lawseminars.com/seminars/2018/18TRIBWWA.php>. If you would like copies of articles or presentations given at the conference, contact t.schlosser@msaj.com or email kathy@uoregon.edu.

Funding Opportunities:

FY 2018 and FY 2019 Source Reduction Assistance Grant Program. EPA is announcing a grant competition to fund two-year Source Reduction Assistance (SRA) agreements that support source reduction approaches (also known as pollution prevention or P2). EPA plans to award approximately \$2 million in federal grant funding over a two-year funding cycle (\$1 million in FY 2018 and \$1 million in FY 2019) to support SRA agreements offered as grants and/or cooperative agreements. EPA will not issue a funding announcement in FY 2019. Proposals are due **Thursday, August 23, 2018** and can be submitted via www.grants.gov. For more information, go to <https://www.epa.gov/p2/fy-2018-and-fy-2019-request-proposals-source-reduction-assistance-grant-program>.

Tribal Energy Loan Guarantee Program (TELGP). TELGP is a partial loan guarantee program that can guarantee up to \$2 billion in loans to support economic opportunities to tribes through energy development projects and activities. Under this solicitation, DOE can guarantee up to 90 percent of the unpaid principal and interest due on any loan made to a federally recognized Indian tribe for energy development. The tribal borrower will be required to invest equity in the project and all project debt will be provided by non-federal lenders. **Part I of the application is due September 19, 2018.** For more details, go to: <https://www.energy.gov/lpo/tribal-energy-loan-guarantee-program>

Recent Webinar Recordings:

- **Including Indigenous Health in Climate Change Assessments: Overview of Methods and Results from Swinomish:** <https://vimeo.com/274936176>. Hosted by the [National Indian Health Board](#).
- **Emerging Voices in Water Resources Webinar #2** from the [Universities Council on Water Resources](#) is now available: <https://register.gotowebinar.com/recording/viewRecording>
- **Communicating climate change: Confederated Tribes of the Umatilla Indian Reservation climate adaptation planning and community outreach:** <https://greatnorthernlcc.org/event/997>.
- **Pacific Northwest Drought & Climate Outlook Webinar** from the National Integrated Drought Information System now available: <https://www.drought.gov/drought/calendar/events/pacific-northwest-drought-climate-outlook-webinar-june-25-2018>

- **Native Communities Adapting to Weather Extremes and Climate Variability Webinar** from [Applying Indigenuity](#) is now available: <https://vimeo.com/channels/1202840>
- **Best Practice for Collaborative Climate Adaptation Research Between Tribal and Non-Tribal Partners** from the NW CSC Webinar Series is not available: <https://vimeo.com/279354118>
- **Intertribal Nursery Council 2018 Presentations** now available: <https://westernforestry.org/past-conferences/2018-intertribal-nursery-council-meeting>

Calls for Proposals and Participation

4th National Adaptation Forum Call for Proposals. Deadline for proposals has been extended to September 4, 2018. Proposals are being accepted for Symposia, Training Sessions, Working Groups, Oral Presentations, Posters, and the Tools Cafe. Submissions should reflect the best thinking in the adaptation field, informed by theory, research and practice on subjects related to identified [focal topics and cross-cutting themes](#). The Call for Proposals is [here](#).

Applications are now being accepted to host the Northeast, South Central, and Pacific Islands Climate Adaptation Science Centers. Deadline for applications is September 21, 2018. Climate Adaptation Science Center host institutions are expected to provide expertise and experience to achieve the CASC mission of identifying climate/global change impacts to and effective adaptation strategies for land; water; fish and wildlife; nearshore, coastal and cultural heritage resources; and the ecosystem services upon which human communities depend. Host Institutions will be eligible for projects and project funding as a component of this agreement. Interested applicants should email casc@usgs.gov to obtain call-in/web address information.

2018 Tribal College Journal Student Photo Contest. Deadline for submissions is November 15, 2018. TCJ Student is pleased to announce the 2018 TCJ Student Photo Contest. Tribal college students are encouraged to submit up to two high-resolution photographs in six photo categories that depict students in the following settings: Laboratory, Environment, Community, Classroom, Portrait, and Professional Standards. The top photography submissions may be featured at the websites of various federal departments and agencies, and disseminated online and/or in printed materials. For more information, [click here](#).

Media, Publications and Online Resources

Fight fires with indigenous knowledge, researchers say. *By Isabelle Gerretsen. August 13, 2018. LONDON, Aug 13 (Thomson Reuters Foundation) - Countries at risk of catastrophic wildfires should adopt ancient practices used by indigenous people, researchers said on Monday, after scores of deadly blazes engulfed parts of the northern hemisphere.* <http://news.trust.org/item/20180813085232-1lw0o/>

Native Tribes are Taking Fire Control Into Their Own Hands. *By Mejs Hasan. August 9, 2018. The Klamath region near the California-Oregon border is home to indigenous tribes that once used controlled burns to prevent wildfires. Now, their role is being restored.* <https://www.wired.com/story/wildfires-native-tribes-controlled-burns/>

Judge Dismisses Youth Climate Change Lawsuit in Washington State. *By Georgina Gustin. August 15, 2018. The state judge wrote that climate change poses urgent threats, but that it should be solved by the executive and legislative branches, not the courts.* <https://insideclimatenews.org/news/15082018/youth-climate-change-lawsuit-dismissed-washington-state-greenhouse-gas-emissions>

Why Native Americans struggle to protect their sacred places. *By Rosalyn R. LaPier. August, 14, 2018. Forty years ago the U.S. Congress passed the American Indian Religious Freedom Act so that Native Americans could*

practice their faith freely and that access to their sacred sites would be protected. This came after a 500-year-long history of conquest and coercive conversion to Christianity had forced Native Americans from their homelands. https://theconversation.com/why-native-americans-struggle-to-protect-their-sacred-places-101300?utm_source=facebook&utm_medium=facebookbutton

Heat: the next big inequality issue. By Amy Fleming et al. August, 13, 2018. The deadly global heatwave has made it impossible to ignore: in cities worldwide, we are now divided into the cool haves and the hot have-nots. https://www.theguardian.com/cities/2018/aug/13/heat-next-big-inequality-issue-heatwaves-world?CMP=share_btn_fb

Executive Summary: [Synthesis of Science to Inform Land Management within the Northwest Forest Plan Area](#)

The [executive summary](#) of the [Synthesis of Science to Inform Land Management within the Northwest Forest Plan Area](#) has been published by the Pacific Northwest Research Station and is available online. Hard copies of the report will be available later this summer. The summary provides highlights and key findings of the three-volume, 12-chapter science synthesis, which is a comprehensive review of the science that has emerged since the Northwest Forest Plan was enacted in 1994. More information is available here:

<https://www.fs.fed.us/pnw/research/science-synthesis/index.shtml>.

Indian Time: time, seasonality, and culture in Traditional Ecological Knowledge of climate change. Western climate science and Traditional Ecological Knowledge (TEK) represent complementary and overlapping views of the causes and consequences of change. In particular, observations of changes in abundance, distribution, phenology, or behavior of the natural environment (including plants and animals) can have a rich cultural and spiritual interpretation in Indigenous communities that may not be present in western science epistemologies.

Hatfield, S.C., Marino, E., Whyte, K.P., Dello, K.D. and Mote, P.W., 2018. Indian time: time, seasonality, and culture in Traditional Ecological Knowledge of climate change. *Ecological Processes*, 7(1), p.25.

<https://link.springer.com/article/10.1186/s13717-018-0136-6>

Job Opportunities, Youth Internships and Fellowships

Oregon Sea Grant Research and Scholars Program Coordinator Position. Applications due August 19, 2018.

Oregon Sea Grant is hiring a Research and Scholars Program Coordinator to support OSG's competitive research process and student scholars program. Activities include proposal and project management, assessment, and reporting. For complete application details, please visit: <https://jobs.oregonstate.edu/postings/64329>.

Indigenous Seattle Internship. Application deadline: August 21, 2018. The Seattle Office of Planning and Community Development (OPCD) is seeking a college student to support and advance the Indigenous Seattle work of OPCD, which aims to strengthen our existing partnerships on Indigenous identity and presence in the cityscape to help create more places where Native people thrive. The student will have the opportunity to work in City Hall and experience local government from the inside. The internship will place the student within an innovative equitable development initiative. The intern will have a chance to apply knowledge to contribute to Seattle's physical, cultural and social future. The student will have the chance to help strengthen indigenous Seattle. For more information, visit <https://www.governmentjobs.com/jobs/2165646/indigenous-seattle-internship/agency/seattle/apply> or: <http://www.seattle.gov/jobs/>.

Natural Resources Biologist Wildlife, Forest County Potawatomi. Deadline to apply: August 21, 2018. Under general supervision of the FCPC Environmental Sciences Manager, collects and analyzes environmental data that is used to determine the health and quality of the natural resources on Tribal lands. Conducts research and

projects in support of department goals and objectives. Predominately performs work in relation to the identified science area; however regular work in the other environmental science areas will be required. <https://www.fcpotawatomi.com/job/natural-resources-biologist-wildlife/>

California Sea Grant (CASG) Director. Deadline for Applications is August 24, 2018. The Director assumes overall responsibility for leadership and programmatic oversight of CASG, and has national, state-wide, and university-wide responsibilities. Working with a team that includes 18 staff members, 9 extension specialists and an extension director (each of whom holds an academic position), the Director secures financial support for the program and builds successful partnerships across numerous and diverse constituencies within and beyond the state of California. The Director facilitates high-impact research, outreach, fellowship and communications activities to increase the understanding of, responsible interaction with, and use of California's ocean and coastal resources. The Director leads the CASG Management Team that also includes the extension director, business manager, and communications coordinator. Interested applicants must apply online at the [UCSD Job Bulletin](#). For questions about this position, contact Dr. Doug Bartlett at dbartlett@ucsd.edu

Northwest Climate Adaptation Science Center is hiring an Actionable Science Postdoctoral Fellow. Preference will be given to applications received by September 5, 2018. The University of Washington College of the Environment invites applications for a Northwest Climate Adaptation Science Center (NW CASC) Actionable Science Postdoctoral Fellow. The NW CASC is one of eight regional Climate Adaptation Science Centers dedicated to delivering science that helps wildlife, water, land and people adapt to a changing climate. Research supported by the NW CASC provides objective scientific information and strategies that Northwest managers of land, water, wildlife and cultural resources can use to anticipate, monitor and adapt to climate change. This position requires a PhD in an area of natural or social science related to climate change and demonstrated experience working at the interface of climate science and decision-making. This is a full-time, 12-month term appointment with potential for extension. Salary will be dependent on qualifications and experience. For a complete job description and application requirements, visit: <https://apply.interfolio.com/52841>.

USGS Mendenhall Research Postdoctoral Fellowship. Deadline to apply is September 12, 2018. This Mendenhall Research Fellowship will provide an excellent opportunity for an early career researcher to work collaboratively with U.S. Geological Survey scientists and U.S. Fish and Wildlife Service managers to provide scientific information through analyses and models that will support consequential decision making. For more information, go to: <https://www.usajobs.gov/GetJob/ViewDetails/506520700>

Graduate Fellowship in Native American Forestry at School of Forestry, Northern Arizona University. Deadline to Apply is October 1, 2018. Two Master's-level fellowships are available in the School of Forestry, Northern Arizona University (NAU), Flagstaff, AZ. The fellowship program is supported by the US Department of Agriculture under Food and Agricultural Sciences National Needs Graduate and Postgraduate Fellowship (NNF) Grants Program. The program goal is to produce the next generation of Native American leaders. Fellows are expected to conduct research aimed at managing resilient forest agroecosystems in tribal lands, and engaging in tribal outreach, teaching and community engagement. For more information, contact Dr. Yeon-Su Kim at ysk@nau.edu (or call 928-523-6643). http://www.itcnet.org/about_us/scholarships.html

Upcoming Events

August 21, 2018. 10 am Pacific. Alaska Climate Webinar: Carbon Project in Alaska: How they work and the risks and rewards. This presentation will focus on how offset projects work and the different types of forest management activities involved, all with a focus on Alaska. It will also cover specific carbon projects in Alaska and working with land owners. Register here: <https://accap.uaf.edu/webinars/ak-climate-webinars>

August 21, 2018. 11 am-12 pm Pacific. FY18 NOFO for the Flood Mitigation Assistance and Pre-Disaster Mitigation Grant Program E-Grants for *Beginners* Webinar. This webinar will be offered two times, and prospective FY18 applicants may attend either session. These webinars will be “MT eGrants 101” for basic users and new users. Topics covered will include how to access the system, where to go for help, and plenty of time for question and answer. Primarily intended for sub-applicants and new users. (Each Session will be scheduled for 1 hour.) To attend the webinar, click on the link: <https://fema.connectsolutions.com/beginnersegrants/>. For phone access: 1-800-320-4330 Code: 338559#

August 22, 2018. 11 am Pacific. FY18 NOFO for the Flood Mitigation Assistance and Pre-Disaster Mitigation Grant Program E-Grants for *Advanced Users* Webinar. This webinar will be offered four times, and prospective FY18 applicants may attend any session. These webinars will cover more complex best practices for experienced users. Topics covered will include common pitfalls in successful application development, awareness of system limitations, and plenty of time for question and answer. Primarily intended for grant applicants, experience sub-applicants, and power users. (Each Session will be scheduled for 1 hour.) To attend the webinar, click on the link: <https://fema.connectsolutions.com/advancedegrants/>. For phone access: 1-800-320-4330 Code: 338559#

August 22, 2018. 1pm Pacific. Webinar: Online Course Materials for Tribes. Have you attended a South Central CASC training and do you want to refresh what you learned? Are you looking for assistance developing strong climate adaptation grant proposals? Do you want to learn more about how tribes and pueblos in your state are impacted by climate change? Join us on Wednesday, August 22 to learn more about the South Central Climate Adaptation Science Center’s online course resources. Join here: <https://global.gotomeeting.com/join/363956125> or call (571) 317-3122 Access Code: 363-956-125

August 23, 2018. 9 am Pacific. FY18 NOFO for the Flood Mitigation Assistance and Pre-Disaster Mitigation Grant Program E-Grants for *Advanced Users* Webinar. See above. To attend the webinar, click on the link: <https://fema.connectsolutions.com/advancedegrants/>. For phone access: 1-800-320-4330 Code: 338559#

August 23, 2018. 9 am Pacific. Webinar, OneNOAA Science Seminar series: Climate Science Special Report. “Climate Tidings of the Tides.” *Billy Sweet (NOAA)*. Human activities are a significant contributor to the rise in global sea levels, which have risen about 7-8 inches since 1900 with about 3 of those inches occurring since 1993. By 2100, global sea levels are very likely to rise by 1.0-4.3 feet above year 2000 levels depending upon future emissions of greenhouse gases, though emerging science regarding Antarctic ice sheet stability suggests that a rise above 8 feet is physically possible. With continued rise, it is likely that damaging/moderate coastal flooding will occur several times a year within dozens of U.S. coastal locations within the next several decades. *Webinar Access:* <https://noaabroadcast.adobeconnect.com/noscienceseminars/>.

August 27, 2018. 11 am Pacific. Pacific Northwest Drought Early Warning System Drought & Climate Outlook Webinars. 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. Register [here](#).

August 27-29, 2018. 3rd California Adaptation Forum. Sacramento, CA.

August 27-28, 2018. Festival of the Steh-Chass Youth Camp Summer 2018. Register now for two fun filled educational days full of legends, history, traditional plant information, native culture, water quality workshops, crafts, and developing a presentation that will be included in the Festival of the Steh-Chass. Students will be included in the festival presentation to the public of what they created. Interested participants and volunteers

need to contact Ali Johnson at ajohnson@salmondefense.org for registration documents. Registration deadline is July 31, 2018. For more information, [click here](#).

August 27-September 10, 2018. SCCASC Managing for a Changing Climate Short Course; Introduction to the Climate System. In Fall 2018, the South Central Climate Adaptation Science Center at the University of Oklahoma will offer four short courses that will provide an integrative understanding of the components of the climate system. We will discuss the impacts of a changing climate on multiple sectors such as the economy, policy, ecosystems, and indigenous populations. In addition, we will discuss how managers can adapt to these changes. To register, [click here](#).

August 28, 2018. 9 am Pacific. Webinar, OneNOAA Science Seminar series: Climate Science Special Report. "The Fourth U.S. National Climate Assessment: An Overview of Volume I." Don Wuebbles (*University of Illinois*). The Fourth National Climate Assessment confirms prior assessments in concluding that the climate on our planet, including the United States, is changing, and changing rapidly. This presentation provides an overview of the findings from the new assessment, with a special focus on severe weather. *Webinar Access:* <https://noaabroadcast.adobeconnect.com/nosscienceseminars/>.

August 28-29, 2018. 2018 Native American Languages Summit; Honoring the Gift of Native Languages. Midwest City, OK. [Click here to register](#).

August 28-30, 2018. Become a Climate Reality Leader. Los Angeles, California. At Climate Reality Leadership Corps trainings, individuals ready to make a difference in our planet's future spend three days working with former Vice President Al Gore and world-renowned scientists and communicators learning about the climate crisis and how together we can solve it. Join us and gain the skills, knowledge, and network to shape public opinion, influence policy, and inspire your community to act at this critical time. Please send any questions or concerns to training@climatereality.com or visit: <https://www.climaterealityproject.org/training>

August 29, 2018. 11 am Pacific. FY18 NOFO for the Flood Mitigation Assistance and Pre-Disaster Mitigation Grant Program for Prospective Tribal Applicants Webinar. FEMA will offer a webinar on the FY18 NOFOs for prospective tribal applicants. This webinar will be offered two times, and applicants may attend either session. To attend the webinar, click on the link: <https://fema.connectsolutions.com/tribalnofo/>. For phone access: 1-800-320-4330 Code: 338559#.

August 30, 2018. 9 am Pacific. FY18 NOFO for the Flood Mitigation Assistance and Pre-Disaster Mitigation Grant Program for Prospective Tribal Applicants Webinar. *See above.* To attend the webinar, click on the link: <https://fema.connectsolutions.com/tribalnofo/>. For phone access: 1-800-320-4330 Code: 338559#.

September 10- October 1, 2018. SCCASC Managing for a Changing Climate Short Course; Climate Models, downscaling, & assessments. In Fall 2018, the South Central Climate Adaptation Science Center at the University of Oklahoma will offer four short courses that will provide an integrative understanding of the components of the climate system. We will discuss the impacts of a changing climate on multiple sectors such as the economy, policy, ecosystems, and indigenous populations. In addition, we will discuss how managers can adapt to these changes. To register, [click here](#).

September 11, 2018. 11 am-12 pm Pacific. FY18 NOFO for the Flood Mitigation Assistance and Pre-Disaster Mitigation Grant Program E-Grants for Beginners Webinar. *See above.* To attend the webinar, click on the link: <https://fema.connectsolutions.com/beginnersegrants/>. For phone access: 1-800-320-4330 Code: 338559#

September 12, 2018. 11 am Pacific. FY18 Notice of Funding Opportunity (NOFO) Webinar for the [Flood](#)

[Mitigation Assistance \(FMA\) and Pre-Disaster Mitigation \(PDM\) grant programs.](#) *See above.* To attend the webinar, click on the link: <https://fema.connectsolutions.com/nof18/>. For phone access: For phone access: 1-800-320-4330 Code: 338559#

September 12, 2018. Disaster Health Education Symposium 2018. Bethesda, MD. This symposium will provide a forum with a specific focus on education and training in disaster medicine and public health. This symposium will: 1.) Highlight current and future education initiatives in disaster medicine and learning. 2.) Present a unique forum for collaboration and networking among disaster medicine and public health professionals. 3.) Explore the challenges and opportunities for the current state of disaster education, both science and practice, in the US in disaster medicine and public health. For more information and to register, [click here](#).

September 13, 2018. 11 am Pacific. FY18 Notice of Funding Opportunity (NOFO) Webinar for the [Flood Mitigation Assistance \(FMA\) and Pre-Disaster Mitigation \(PDM\) grant programs.](#) *See above.* To attend the webinar, click on the link: <https://fema.connectsolutions.com/nof18/>. For phone access: For phone access: 1-800-320-4330 Code: 338559#

September 12-14, 2018. [Global Climate Action Summit.](#) San Francisco, CA.
<https://globalclimateactionsummit.org/>

[September 17-20, 2018. ATNI Fall Convention 2018. Worley, ID.](#) ATNI Conventions are where members convene for discussion, presentations and the work of the committees in regard to policy, legislation, and the future of Indian Country in the Northwest. The Convention will be held at the Coeur D'Alene Casino. To Register, [click here](#).

September 19, 2018. 11 am Pacific. FY18 NOFO for the Flood Mitigation Assistance and Pre-Disaster Mitigation Grant Program E-Grants for Advanced Users Webinar. *See above.* To attend the webinar, click on the link: <https://fema.connectsolutions.com/advancedegrants/>. For phone access: 1-800-320-4330 Code: 338559#

September 20, 2018. 11 am Pacific. FY18 NOFO for the Flood Mitigation Assistance and Pre-Disaster Mitigation Grant Program E-Grants for Advanced Users Webinar. *See above.* To attend the webinar, click on the link: <https://fema.connectsolutions.com/advancedegrants/>. For phone access: 1-800-320-4330 Code: 338559#

September 24-25, 2018. G318 Mitigation Planning Workshop. Anchorage, AK. This in-person, two-day workshop covers the fundamentals of the mitigation planning requirements for communities do develop new or updated Local or Tribal Mitigation Plans that address community priorities and needs and meets requirements established in 44 CFR 201.6. This workshop describes the planning process, the requirements for stakeholder involvement, assessing risks and developing effective mitigation strategies. Finally, the basic elements of the plan review, approval, and update cycle are discussed, including tips for implementing and maintaining an approved plan, tracking performance, keeping stakeholders involved, and preventing plans from lapsing or expiring. Tuition is free for those accepted. Travel and salary stipends are not available. To register, contact Eva Edwards at eva.edwards@alaska.gov.

October 1-22, 2018. SCCASC Managing for a Changing Climate Short Course; Societal Impacts of Climate Change. In Fall 2018, the South Central Climate Adaptation Science Center at the University of Oklahoma will offer four short courses that will provide an integrative understanding of the components of the climate system. We will discuss the impacts of a changing climate on multiple sectors such as the economy, policy, ecosystems,

and indigenous populations. In addition, we will discuss how managers can adapt to these changes. To register, [click here](#).

October 2-5, 2018. Third Annual Conference on Native American Nutrition. This annual conference that brings together tribal officials, researchers, practitioners, and others to discuss the current state of Indigenous and academic scientific knowledge about Native nutrition and food science, and identify new areas of work. For more information and to register, go to <http://seedsofnativehealth.org/conference/>

October 3-4, 2018. Oregon Tribal Environmental Forum. North Bend, OR. For more information, contact markhealy@coquilletribe.org.

October 3-7, 2018. Society of American Foresters National Convention. Portland, Oregon. The convention theme will explore the differences between policy and politics, and how science, management, and policy interact and integrate to inform and influence the conservation of forested landscapes. Plenary sessions will consider the role of science in policy decisions such as wildland fire policy, the role of scientists and managers in the policy process, and how we can better influence policy makers.

October 9-11, 2018. 9th Annual Northwest Climate Conference. Boise, Idaho. Information about lodging, registration, and program will become available in the coming months.

October 10, 2018. 10 am Pacific. Webinar (6 of 6): Successful HRSA Tribal Grantees. The Health Resources and Services Administration (HRSA) is hosting a FREE Grants Education and Technical Assistance Webinar Series for Tribes, Tribal Organizations, Indian Health, Tribal and Urban Indian Health Programs. https://hrsa.connectsolutions.com/federal_grant_application_recording/event/registration.html

October 15-18, 2018. Restoring Resilient Communities in Changing Landscapes Conference, Spokane, WA.

October 16, 2018. 2 pm Pacific. Northwest Climate and Health Network Call.

October 16-18, 2018. Tribal Children's Environmental Health Symposium, Catoosa, OK. EPA Region 6 and Cherokee Nation will be hosting the Tribal Children's Environmental Health Symposium at the hard Rock Hotel & Casino at 777 West Cherokee St. Catoosa, OK, 74015. The theme of the symposium is "Protecting Children Where They Live, Learn and Play". Travel scholarships are available only to employees of federally recognized tribes in EPA Region 6. Travel scholarships provide for airfare and lodging costs only. Please indicate if you are interested in the travel scholarship when you register online. To register for the event, [click here](#).

October 22, 2018. 11 am Pacific. Pacific Northwest Drought Early Warning System Drought & Climate Outlook Webinars. 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. Register [here](#).

October 23-24, 2018. G318: Mitigation Planning Workshop. Lynwood, WA at FEMA Region 10 Offices. [Registration information is located here](#). The two-day workshop covers the fundamentals of natural hazards mitigation planning for tribes and local jurisdictions. Participants will not only understand the FEMA planning requirements, but will learn how to go above and beyond minimum requirements to ensure an effective mitigation plan may be implemented.

October 22- November 26. SCCASC Managing for a Changing Climate Short Course; Physical Impacts of Climate

Change & Adaptation Strategies. In Fall 2018, the South Central Climate Adaptation Science Center at the University of Oklahoma will offer four short courses that will provide an integrative understanding of the components of the climate system. We will discuss the impacts of a changing climate on multiple sectors such as the economy, policy, ecosystems, and indigenous populations. In addition, we will discuss how managers can adapt to these changes. To register, [click here](#).

October 29- November 1, 2018. Tribal EPA Region 9 26th Annual Conference. San Francisco, CA. For more information, follow the link: <https://www.tribalepa.com/>

December 17, 2018. 11 am Pacific. [Pacific Northwest Drought Early Warning System Drought & Climate Outlook Webinars](#). 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. Register [here](#).

December 19, 2018. 2 pm Pacific. Northwest Climate and Health Network Call.