
Pacific Northwest Tribal Climate Change Network: Email Bulletin and Conference Call Notes – October 18, 2017

Call Participants

- Marnie Boardman, Washington Dept. of Health
- Joseph Bonnell-Hall, Coeur d'Alene Tribe
- Lara Brown, Confederated Tribes of Siletz
- Haley Case-Scott, University of Oregon
- Mike Chang, Makah Tribe
- Helena Deswood, SW Climate Hub
- Tom Downey, Siletz Tribe
- Robert Compton BIA NW Region
- Eliza Ghitis, NW Indian Fisheries Commission
- Oliver Grah, Nooksack Tribe
- Dawn Grebner, Naval Undersea Warfare Center
- Melanie Hess, NPLCC
- Rob Jacob, Elk Valley Rancheria
- Amber Jean McCullum, NASA Ames Research Center
- Chelsea Kovalcsik, Chugach Regional Resource Center
- Stefanie Krantz, Nez Perce Tribe
- Dana Krishland, EPA
- Linda Kruger, USDA Forest Service PNWRS
- Frank Lake, USDA Forest Service PSWRS
- Kathy Lynn, University of Oregon
- John Mankowski, North Pacific LCC
- Amelia Marchand, Confederated Colville Tribes
- Toby Mcleod, Samish Indian Nation
- Joel Moffett, Affiliated Tribes of Northwest Indians
- Gary Morishima, Quinault Indian Nation
- Don Motanic, Intertribal Timber Council
- Melissa Poe, Washington Sea Grant
- Dixie Porter, Forest Service
- Gabrielle Roesch McNalley, NW Climate Hub
- Cynthia Rossi, Point no Point Treaty Council
- Carl Scheeler, Confederated Tribes of the Umatilla Indian Reservation
- Bea Van Horne, USDA Northwest Climate Hub
- Melissa Watkinson, Washington Sea Grant
- Emily Wright, Cascadia Consulting

2017 PNW TCCP Calls:

- November 15, 2017
- December 12, 2017

Conference Call Information:

Call Time: 10:00 am Pacific
Toll-Free: 888-844-9904
Access Code: 5064716
Adobe Connect web meeting:
<http://oregonstate.adobeconnect.com/tribalclimate>

Table of Contents

Meeting Notes	2
Sovereignty Summit on Climate Policy: WA Carbon Tax Initiative (Joel Moffett, ATNI).....	2
Tribes and First Nations Climate Summit. Dec 13-14, 2017, Tulalip Resort Casino, Tulalip, WA.....	2
Idaho Climate Summit	3
USDA Climate Hubs National and NW Websites	3
Reflections from the NW Climate Conference.....	4
Announcements	4
Funding Opportunities	5
Job Opportunities.....	6
Media, Online Resources and Publications	6
Upcoming Events.....	7

Meeting Notes

Sovereignty Summit on Climate Policy: WA Carbon Tax Initiative (Joel Moffett, ATNI)

Joel Moffett with the Affiliated Tribes of Northwest Indians presented a summary of the ATNI Summit on Sovereignty and Climate Policy that took place on October 6th. The meeting was hosted by the Suquamish Tribe. The basis for the meeting was to inform tribes about the work that the [Alliance for Jobs and Clean Energy](#) has been doing to put a measure on the 2018 ballot that “responds to climate change by adopting standards and policies that reduce carbon emissions and hold big emitters accountable; grows the Washington State economy, business sector, and labor movement by incentivizing homegrown clean energy and technology, which creates good jobs and better choices for consumers, and improves health; and invests in communities of color and communities with low incomes disproportionately harmed by fossil fuel pollution. The Quinault Indian Nation and Tulalip Tribes have been working on these policy issues on a sovereign basis, but there was growing concern that not all Washington Tribes had been adequately engaged by the Alliance in forming this proposed legislation. The Quinault Indian Nation and Tulalip Tribes worked with ATNI to convene the October summit to build knowledge about climate change policy and the proposed legislation and set a path forward for engaging in setting carbon policy for Washington State.

The [Sightline Institute](#) gave a presentation at the October 6th meeting to provide an overview of carbon policy issues, including the differences between a cap and trade system and a carbon tax. Joel will share the PowerPoint Presentation with the Network for those who were not able to attend. After the presentation, the tribes in attendance met to discuss next steps, which included a follow-up meeting for other tribes on October 11, and a request for a meeting with the Alliance that will occur later this month. Joel suggested that the meeting would be open to all tribes that have an interest in engaging in setting climate policy in Washington State.

Joel shared that ATNI and individual tribes are uncomfortable in joining the Alliance as a stakeholder, and not sovereign governments. They want to craft an approach to this initiative where tribes are involved in drafting the language and ensuring that the revenue from this initiative will improve the environment and be supportive of tribal climate change action plans. *Discussion Questions/Next Steps:*

- Moving forward, how do other tribes continue to be engaged in this process either w/ Quinault or the Alliance? What is the timeline of this process so tribal governments can review and respond? Joel shared that the Tulalip and Quinault have requested a meeting with the Alliance but haven't heard a definitive timeline, except for the fact that the alliance would like to get the proposed legislative language to be finalized at the end of November.
- Joel agreed to join the Network call in November to provide an update on this process.

Tribes and First Nations Climate Summit. Dec 13-14, 2017, Tulalip Resort Casino, Tulalip, WA.

[EVENT REGISTRATION](#) | [AGENDA \(DRAFT\)](#)

The Tribes and First Nations Climate Summit is being convened by the Affiliated Tribes of Northwest Indians and the North Pacific LCC and hosted by the Tulalip Tribes. Tribes and First Nations in the Pacific Northwest have made great progress in observing and documenting environmental change on their homelands, but climate change is increasing at a pace that challenges important ways of life. First peoples across the region are coming together this December to learn from previous projects and discuss how to continue climate change studies to provide the support needed to adapt and thrive for generations to come. Tribal members and leaders, scientists and environmental practitioners will discuss current issues along four Summit Tracks:

- **Traditional Knowledges:** Exploring the role of traditional knowledges in respectfully and appropriately addressing contemporary environmental change
- **Cultural and Subsistence Resources:** Revealing experience by discussing the shifting ranges and calendars of important resources
- **Adaptation:** Assessing vulnerability to environmental change and moving ahead with plans and adaptation actions
- **Policy:** Navigating the current political climate to continue the work of Tribes and First Nations in studying our environments to envision and plan for a better future

Who Should Attend? Tribal elected and appointed leaders, resource managers, health specialists, traditional elders, scientists, students and practitioners will discuss current issues along four Summit Tracks. Scholarship Requests are available here: [2017 Tribal & First Nations Climate Summit](#)

Discussion questions:

- Is it possible to submit an abstract to present at the Tribal Summit? John Mankowski will follow up with more information. Organizers are seeking to create a balance of presentations of informational resources with facilitated opportunities for tribes to share experiences, lessons learned and needs for the future.
- What are the registration fees?
 - Full Summit Rate: \$100 per attendee.
 - Elder/Youth full Summit rate (under 18 and 65 or older with ID): No cost per attendee
 - Student Summit rate (with verification of enrollment or current class schedule): No cost per attendee.
 - To request a scholarship, complete this form: [2017 Tribal & First Nations Climate Summit](#). To access the discounted registration fees, you must provide a promo code at registration. To receive the appropriate promo code, please contact Peggy Harris at peggy@seventhgenerationllc.com

Idaho Climate Summit

Stefanie Krantz with the Nez Perce Tribe shared information about the Idaho Climate Summit: Safeguarding Idaho’s Economy in a Changing Climate is a two-day summit (November 16-17, 2017). This event about Idaho’s changing climate designed to explore market-based solutions for safeguarding Idaho’s economy, health, landscape and lifestyle. Stefanie shared that the Nez Perce Tribe is one of the organizers, and that there are very diverse organizations involved, including conservation organizations, academic institutions as well as businesses and industry. She is hopeful that tribes in the region will attend to ensure that tribal perspectives are a part of the event. The Summit will take place in Boise and be telecast in Moscow and Pocatello. For more information, visit: <http://www.idahoclimatesummit.com/>

USDA Climate Hubs [National](#) and [NW](#) Websites

Gabrielle Roesch McNally with the NW Climate Hub shared the new National and Northwest Climate Hub websites. Gabrielle shared that they are eager for feedback, and if there is anything that could be improved, please contact Gabrielle at: groeschmcnally@fs.fed.us. Specific links include:

- National website: <https://www.climatehubs.oce.usda.gov/>
- Northwest Climate Hub: <https://www.climatehubs.oce.usda.gov/hubs/northwest>
- Climate Change Basics: Northwest and Alaskan Tribal Nations. <https://www.climatehubs.oce.usda.gov/hubs/northwest/topic/climate-change-basics-northwest-and-alaskan-tribal-nations>

Reflections from the NW Climate Conference

Kathy asked for comments and reflections from those who attended the NW Climate Conference last week. Gabrielle wondered if there were concerns that tribes weren't well represented and didn't receive adequate space or time to talk. She shared that she spoke with some organizers and suggested they are interested in feedback on that question and addressing it in planning for next year's conference. Amelia shared that because of the logistics and structure of the event that she found it challenging to find time to engage with people in general. She also shared that there was a presentation by researchers at the University of Washington that included tribal information without explicit information that the tribes had been involved or made aware of the project. This led to a discussion about the potential need to include a tribal presentation about the use of tribal and traditional knowledge in climate change research when research is being presented at a conference like this that involves tribal issues. Eliza shared that the planning committee will be issuing a post-conference survey and she encourages anyone who attended the conference to complete the survey and provide feedback to help inform planning for next year. She reflected on that fact that several years ago, there was not tribal representation at the conference, and that tribal participation has grown incrementally. Amelia Marchand also shared that there was a presentation on legal climate change issues and implications to business, contract law, ethics and other issues. That presentation was given by Sean Munger with www.centriclaw.com. Kathy will share proceedings from the conference if and when they are made available.

Announcements

4th National Climate Assessment.

Mike Chang with the Makah Tribe shared that the public review process for the 4th National Climate Assessment will probably begin in November. There was an overview of the 6 key messages in the NW chapter that was presented last week at the NW Climate Conference. Kathy will work with Mike to have a short presentation about the chapter and review process during the November 2017 PNW Tribal Climate Change Network call.

Notice of availability, request for public comments: Draft FY 2018-2022 Environmental Protection Agency Strategic Plan. This document is scheduled to be published in the Federal Register on October 5, 2017 and available online at <https://federalregister.gov/d/2017-21245>, and on FDsys.gov. Comments must be received on or before **October 31, 2017**.

- Draft FY 2018-2022 Environmental Protection Agency Strategic Plan Federal Register Notice: <https://www.federalregister.gov/documents/2017/10/05/2017-21245/draft-fy-2018-2022-environmental-protection-agency-strategic-plan>
- Draft FY 2018-2022 Strategic Plan Public Review Draft: <https://www.regulations.gov/document?D=EPA-HQ-OA-2017-0533-0002>

Tribal Climate Change Adaptation Guidebook. *Invitation to Review Pre-Release Version.*

With a grant from the North Pacific Landscape Conservation Cooperative, the Oregon Climate Change Research Institute and other partners, including Adaptation International, PNW Tribal Climate Change Project, Quinault Indian Nation, and Confederated Tribes of Siletz Indians, are developing a tribally-focused adaptation guidebook to support tribes in addressing tribal priorities through climate change adaptation planning. Tribes at any stage in the adaptation process are invited and encouraged to review a pre-release version of the guidebook as a means to share your experiences and lessons learned with

other tribes. The pre-release version of the guidebook will be available for review between November and March. Your tribe's review and any contributions you wish to make will be gratefully acknowledged in the guidebook. If your tribe is interested in participating, contact Meghan Dalton (mdalton@coas.oregonstate.edu; 541-737-3081). A flyer with more information about the review process is attached.

Northeast Indigenous Climate Resilience Network. Indigenous peoples face a wide range of vulnerabilities and opportunities regarding the impacts of climate change. The Northeast Indigenous Climate Resilience Network, organized by the [Sustainable Development Institute](#) at the [College of Menominee Nation](#), seeks to convene Indigenous peoples to identify threats to Indigenous self-determination and ways of life and to formulate adaptation and mitigation strategies, dialogues and educational programs that build Indigenous capacities to address climate-related issues. The network engages many Tribes and inter-Tribal organizations, as well as scientific partners who generously support this work, including the Department of Interior's [Northeast Climate Science Center \(NECSC\)](#), [Sustainable Climate Risk Management \(SCRiM\)](#), [Great Lakes Integrated Sciences and Assessments Center \(GLISA\)](#) and the [Timnick Chair](#) and [National Science Foundation](#) funded programming at [Michigan State University](#). This website provides the latest tools and resources for Indigenous peoples and scientists to work together towards meeting the current challenges of climate change. <http://www.nicrn.org/>

Fire Leadership for Women: Prescribed Fire Training Center Modules for February and March 2018. **Application Deadline is October 20, 2017.** Encourage leadership on the fireline (from entry level to upper management) using prescribed fire as a catalyst to bring women together to become strong and assertive leaders; to challenge themselves; enhance strengths and improve upon weaknesses; creating a support network, enhancing longevity and success for women in wildland fire management. Selection notifications made by mid-November. For additional information go to: <http://www.fws.gov/fire/pftc/>

Funding Opportunities

The online tribal climate change guide lists current and future funding opportunities here: <http://tribalclimateguide.uoregon.edu/>. Some selected grants due in fall 2017 are listed below.

FEMA Flood Mitigation Assistance Grants. **Deadline November 14, 2017.** This program provides funds to reduce or eliminate the risk of repetitive flood damage to buildings and structures insured under the National Flood Insurance Program (NFIP). For fiscal 2017, \$160 million is available, including \$70 million for community flood mitigation activities. FEMA will seek to fund two types of community flood mitigation activities: Advance Assistance for flood mitigation design and development of community flood mitigation projects and mitigation projects that address community flood risk on a neighborhood level. The remainder of funds will be used for mitigating planning, technical assistance and mitigating Severe Repetitive Loss and Repetitive Loss structures, which include elevation, acquisition, and relocation projects.

FEMA Pre-Disaster Mitigation Grants. **Deadline November 14, 2017.** This program provides funds to implement and sustain cost-effective measures designed to reduce the risk to individuals and property from natural hazards, while also reducing reliance on Federal funding from future disasters. PDM grants are awarded for all hazard mitigation planning and projects, such as the construction of community and residential safe rooms for tornados, and wind retrofits, which are enhancements made to strengthen the roof, walls and doors of structures to minimize damage caused by high winds.

Job Opportunities

Fulbright Arctic Initiative application open. Deadline for U.S. applicants is **October 30, 2017.** The U.S. Department of State's Bureau of Educational and Cultural Affairs has announced the launch of the second Fulbright Arctic Initiative. Scholars and researchers from the eight Arctic Council countries—the United States, Canada, Denmark, Finland, Iceland, Norway, Russia, and Sweden—can now apply for this 18-month collaborative research program, which will begin in spring 2018 and run through the fall of 2019. More information can be found <http://www.cies.org/program/fulbright-arctic-initiative>.

Tribal VISTA: Fort Peck Community College. Accepting Applications from 04/25/2017 to 10/27/2018.

The Great Plains Region and the Prairie Pothole Region face many climate change vulnerabilities. According to the EPA, changes in water availability will make agriculture irrigation more difficult and can threaten important wetland habitats. Moreover, warmer winters will effect seasonal growing cycles, which also impact the timing of tribal rituals and the sustainability of culturally important plants and animals. While the Fort Peck Office of Environmental Protection is aware of these vulnerabilities, the majority of their work focuses on monitoring and regulatory activities. The VISTA's role would help bring the capacity to develop the community based programming to combat the negative effects of climate change. The VISTA's strategic placement based in Fort Peck Community College would allow them to be more accessible to the people in the community. The educational programming the VISTA develops will address climate vulnerabilities by increasing community interest and increasing community awareness of the issues. <https://my.americorps.gov/mp/listing/viewListing.do?id=73732&fromSearch=true>

Sapsik'wáá Teacher Education Program. A link to the application will be available **September 25, 2017, through January 15, 2018**. As a Sapsik'wáá Teacher Education Program applicant, you will be filling out a combination application with UOTeach and the Sapsik'wáá Teacher Education Program. Please see [UOTeach](#) for more information on the admissions process and eligibility requirements.

Please contact us for guidance through the application process: Kelly LaChance, Assistant Program Director, sapsikwala@uoregon.edu ([link sends e-mail](#)), 541-346-2454.

<https://education.uoregon.edu/sapsikwala-teacher-education-program/application-information>

Native American Interns Needed. Experiential Learning through Service International Experience with Indigenous Communities in Bolivia. Chiquitano school children, San Antonio, Lomerio, Bolivia. Needed Disciplines/Skills:

- Natural Sciences, Environmental sciences, Entomology, Biology/Ecology
- Anthropology, Social Sciences, Educational Sciences
- Geography, Political, Cultural, GIS, drones
- TEC Virtual educational tools/game development
- Artists, Illustrators

For more information, contact Dr. Wendy R. Townsend "Cross pollinating Knowledge Systems" TCD-University of Florida, wendytownsend@gmail.com.

Media, Online Resources and Publications

Here's What We Know about Wildfires and Climate Change: Scientists think that global warming may already be influencing fire seasons. By [Chelsea Harvey](#), *ClimateWire* on October 13, 2017.

<https://www.scientificamerican.com/article/heres-what-we-know-about-wildfires-and-climate-change/>

Whyte, K.P. 2017. [Indigenous Climate Change Studies: Indigenizing Futures, Decolonizing the Anthropocene](#). English Language Notes 55 (1-2): 153-162.

Huntington, H.P., Quakenbush, L.T. and Nelson, M., 2017. [Evaluating the Effects of Climate Change on Indigenous Marine Mammal Hunting in Northern and Western Alaska Using Traditional Knowledge](#). *Frontiers in Marine Science*, 4, p.319.

Enarson, E. and Pease, B. eds., 2016. [Men, Masculinities and Disaster](#). Routledge.

Upcoming Events

October 19, 2017. 11am-Noon: Climate Communications Webinar. [REGISTER HERE](#). Digital Storytelling:

In this webinar, explore the power of storytelling to engage and communicate climate and health messages. Presenters from the Oregon Climate and Health Program and StoryCenter will share project findings, offer an overview of the digital storytelling methodology, and explore how storytelling can be an effective way to build partnerships, bolster qualitative data, and lift the voices of people on the front lines of climate change. <https://register.gotowebinar.com/register/8244986293737621763>.

October 19, 2017. 12 pm Pacific. Webinar: [Can Prescribed Fire Help Forests Survive Drought in the Sierra Nevada Mountains?](#) Prescribed fire is commonly used by managers in the western U.S. to remove potential wildfire fuel – an act that is thought to help remaining trees better survive drought by reducing competition for water. Join the National Climate Change & Wildlife Science Center for a webinar on to learn about ongoing research to identify how burning practices can best help forests survive increasingly frequent drought conditions in the Southwest. https://nccwsc.usgs.gov/webinar/Thorne_Drought_Fire

October 19, 2017. 2 pm Pacific. Webinar: [Using Climate and Water Models to Examine Future Water Availability and Biodiversity](#). Climate and water modeling can help natural resource managers better understand climate change impacts and develop adaptation plans. On Thursday, October 19, 2017 at 2 PM PDT, USGS scientist Lorraine Flint will discuss her Southwest CSC funded project to apply climate data to a regional water model to explore future conditions in California and the Great Basin. <https://lccnetwork.org/event/using-climate-and-water-models-examine-future-water-availability-and-biodiversity-california>

October 19-20, 2017. [2017 Tribal Environmental Health Sciences Forum](#). Wild Horse Pass Hotel & Casino, 5692 West North Loop Road, Chandler, AZ. The goals of the forum are to address environmental health issues, to share successful resolution of community issues and to build capacity to respond to long-term and immediate environmental impacts on human health and our environment. This is an open forum for tribal community members, educators, tribal environmental and health professionals, university professionals and students to explore and create action plans for the important environmental issues that impact the health of tribal communities. <http://www.tribalforum.arizona.edu/>.

October 23, 2017. 11 am Pacific. Webinar: [The Pacific Northwest Drought Early Warning System \(PNW DEWS\)](#). The Drought & Climate Outlook Webinar is part of a series of regular drought and climate outlook webinars designed to provide stakeholders and other interested parties in the region with timely information on current drought status and impacts, as well as a preview of current and

developing climatic events (i.e. El Niño and La Niña).

<https://register.gotowebinar.com/register/5078782027709552386>

October 24, 2017. 10 am Pacific. Webinar: [Disasters and Equity: Race, Gender and Ability](#). Registration open, without charge, to students and early career professionals. Objectives: 1. To provide participants with an overview of how racism, sexism and ableism impact our ability to prepare for, cope with and recover from disasters; 2. To provide participants with knowledge about the long-term impact of socioeconomic inequality on global disasters; 3. To provide participants with a few examples of how disaster researchers and practitioners can help to reduce inequality before, during and after a disaster.

<https://register.gotowebinar.com/register/8705039551627738115>

October 24, 2017. 11 am Pacific Time . ITEP Webinar: [Food Sovereignty & Climate Resilience](#)

This webinar is the second installment of the Topics in Climate Change Adaptation Planning webinar series recently launched by the ITEP Climate Change Program. At its core, food sovereignty is about tribal communities controlling their own food systems and ensuring local access to healthy, affordable, traditional and cultural foods. Climate change is already beginning to impact local food resources, especially in communities that rely on hunting and gathering for part of their diet. Please direct any questions to: Fletcher Wilkinson, Program Coordinator Fletcher.Wilkinson@nau.edu, 928-523-1488.

<https://register.gotowebinar.com/register/1974447292073934082>

October 24, 2017. 11 am Pacific Time. [Assessment of the Application of Climate Information in Wildfire Management in Alaska: Experiences from the Alaska Fire Science Consortium](#). The [Alaska Fire Science Consortium \(AFSC\)](#) is a boundary organization that works across the science-management interface to enhance the role that scientific information plays in decision-making for fire management in Alaska. We conducted a case study of AFSC to examine how they facilitate the delivery, development, and application of climate and related information and to determine the outcomes of their work.

October 24, 2017. 2 pm Pacific. Webinar: Northwest Climate and Health Network. [Using Data to Ground our Understanding of Climate-Sensitive Risks to Health](#). **Presenters:** Meredith Jagger, All Hazards Epidemiologist, Oregon Health Authority and Brendon Haggerty, Environmental Health Epidemiologist, Multnomah County Health Department. [Register Here](#). **CALL:** 877-810-9415, **CODE:** 2498003. https://applauncher.gotowebinar.com/#notStarted/6902295675841721090/en_US

October 24-25, 2017. Summit: [Washington Forest Collaboratives Summit](#). Ellensburg, Washington. The summit is an opportunity to network, share success stories, and discuss lessons learned. The meeting will bring together forest collaborative members, agency partners, state and federal officials, policy makers, and leading scientists and practitioners. For more information, [contact](#) Andrew Spaeth.

October 24-27, 2017. Conference: California Invasive Plant Council Symposium. Palm Springs, CA. Land managers, researchers, and conservationists will learn about the latest in invasive plants from riparian, grassland, mountain, coastal, and aquatic/wetland habitats. <http://cal-ipc.org/symposia/index.php>

October 30, 2017. In-Person Meeting: [Climate & Water Meeting: The 2018 Water Year](#). Olympia, WA. Join the National Integrated Drought Information System (NIDIS), the PNW Climate Impacts Research Consortium (CIRC), the UW Climate Impacts Group (CIG) and the WA Department of Ecology. Speakers will recap the past water year, look ahead to the next few months, and will also speak to tools and sectoral impacts. Registration is free, but please register in advance so we know how many to expect.

Due to technical limitations, this is an in-person meeting only. Agenda and registration can be found here: <https://cpaess.ucar.edu/forms/pnw-water-and-climate-fall-outlook-meeting-west-side>.

November 2, 2017. In-Person Meeting: [Climate & Water Meeting: The 2018 Water Year](#). Boise, ID. Join the National Integrated Drought Information System (NIDIS), The Natural Resources Conservation Service (NRCS) Idaho Snow Survey, the PNW Climate Impacts Research Consortium (CIRC), Idaho Power, The Idaho Department of Water Resources, the US Army Corps of Engineers, and the US Bureau of Reclamation. Speakers will recap the past water year, look ahead to the next few months, and will also speak to tools, planning, and sectoral impacts. Registration is free, but please register in advance so we know how many to expect. Due to technical limitations, this is an in-person meeting only. Agenda and registration can be found here: <https://cpaess.ucar.edu/forms/pnw-water-and-climate-fall-outlook-meeting-east-side>

November 3, 2017. [University of San Diego: 9th Annual Climate & Energy Law Symposium](#). San Diego, CA. Offered by Energy Policy Initiative Center & SD Journal of Climate Policy in the Trump Era. The transition from the Obama presidency to the Trump presidency marked a significant change in approaches to climate and energy policy. The current Administration has stated its intent to reverse much of current climate and energy policy and regulation. <https://www.eventbrite.com/e/university-of-san-diego-9th-annual-climate-energy-law-symposium-tickets-35490837049?aff=es2>

November 7, 2017. DECISION SUPPORT TOOLS FOR NATURAL RESOURCE MANAGERS IN SAGEBRUSH COMMUNITIES. [Environmental Center](#) Bend, Oregon. Participants will discover and learn how to use web tools developed for sage-steppe systems and explore how these tools can help inform protection and restoration priorities as well as site management decisions. Participants will also have a chance to provide feedback to developers and scientists to improve web applications so they can best meet decision-making needs. To register and learn more about the workshop contact Dominique Bachelet at bacheled@oregonstate.edu. The workshop will be hosted by EcoAdapt, the Conservation Biology Institute (CBI), and Oregon State University (OSU).

November 8, 2017. 12:30 pm Pacific. [Implications of climate change for invasive species](#). Invasive species and climate change are two of the most prominent forms of anthropogenic global change identified by the Millennium Ecosystem Assessment. These two global changes are likely to interact in a number of ways. Climate change could increase invasion risk by increasing growth rates, advancing phenology, and increasing weather-related disturbances. This seminar will review how climate change influences invasive species and how those changes might affect invasive species management.

November 10-12, 2017. [The 11th Graduate Climate Conference](#). Cape Cod, Massachusetts. The conference provides a discussion forum for graduate students undertaking research on climate and climate change in an array of disciplines throughout the physical sciences, biological sciences, social sciences, and humanities. Register here: <http://gradclimateconf.mit.edu/>

November 15-16, 2017. [Preparing People for Climate Change in the PNW](#). Portland, Oregon. Conference on Applying Psychological & Psycho-Social-Spiritual Models to Build Human Resilience for Climate Shocks & Stressors

November 16-17, 2017. Idaho Climate Summit. Safeguarding Idaho's Economy in a Changing Climate is a two-day summit about Idaho's changing climate designed to explore market-based solutions for safeguarding Idaho's economy, health, landscape and lifestyle. <http://www.idahoclimatesummit.com/>

November 29, 2017. 12:30 pm Pacific. Webinar: [What are the impacts of climate change on maple syrup production and can we manage for them?](#) Speaker: Joshua Rapp, UMass Amherst and Selena Ahmed, Montana State University

December 6-8, 2017. [Cultures Under Water: Climate Impacts on Tribal Cultural Heritage](#). Tempe, Arizona. This conference will build on the discussions of climate change, adaptation, and traditional knowledge by focusing specifically on climate impacts on tribal cultural heritage. We will bring together tribal leadership and members, scientists, scholars, attorneys and activists to discuss climate change threats and challenges faced by indigenous communities. Register: <http://law.asu.edu/climateimpacts>. Contact: Jennifer Williams at jennifer.h.williams@asu.edu.

December 11-15, 2017. Session on Indigenous and Climate Science Partnerships: Developing Pathways from Knowledge to Collaborative Actions at the Annual AGU meeting, New Orleans, LA. This session convenes participants from several programs in the United States that foster collaboration between scientific and Indigenous communities predicated on the premise that drawing from a diverse array of backgrounds leads to more and better solutions to adaptation challenges. Speakers will address the processes, methods, and benefits of Indigenous-scientific collaboration. Speaker abstracts are available online here: <https://agu.confex.com/agu/fm17/preliminaryview.cgi/Session26837>

December 13, 2017. Workshop: Climate Change Assessment for Tribal Lands in the PNW, Spokane, WA. <https://www.eventbrite.com/o/northwest-fire-science-consortium-14848741661>

December 13-14, 2017. [Tribes and First Nations Climate Summit](#). Tulalip Resort Casino, Tulalip, WA. Tribes and First Nations in the Pacific Northwest have made great progress in observing and documenting environmental change on their homelands, but climate change is increasing at a pace that challenges important ways of life. So First peoples across the region are coming together this December to learn from previous projects and discuss how to continue climate change studies to provide the support needed to adapt and thrive for generations to come. [EVENT REGISTRATION](#) | [AGENDA \(DRAFT\)](#)

December 15, 2017. [Focus on Sugar Maple Distribution and Maple Syrup Production at the 2017 FEMC Conference](#). University of Vermont. <https://www.uvm.edu/femc/cooperative/conference/2017/agenda>

January 10 – March 21, 2018. [Climate Academy](#). 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.

January 15 – March 2, 2018. [Forest Adaptation Planning and Practices Online Training](#). (Seven 1.5-hour online sessions). The popular Forest Adaptation Planning and Practices training will be available as an online, seven-week course for natural resource professionals working in New England and New York. Participants will use the [Adaptation Workbook](#) to create their own adaptation plans.

February 27 - March 1, 2018. Reno, NV. [Wildland Urban Interface Conference](#). The conference offers hands-on training and interactive sessions designed to address the challenges of wildland fire and the challenges facing the people responsible for protecting local forests or educating landowners and your

community about the importance of land management.

March 26-29, 2018. Reno, NV. [National Cohesive Wildland Fire Management Strategy Workshop— Making a Difference; Building Capacity, Improving Preparedness, and Learning From Experience](#). The workshop will focus on building capacity in practitioners, improving preparedness to meet challenges, and to provide opportunities to learn from past experience in order to inspire collaboration and create operational support.

April 30 – May 2, 2018. [2018 Local Solutions: Eastern Climate Preparedness Conference](#). Manchester, NH. This conference will cover a range of climate preparedness and resiliency issues such as: sea level rise, urban heat, and both coastal and inland flooding issues.