



NORTHERN ARIZONA
UNIVERSITY



Institute for Tribal Environmental Professionals

Tribal Climate Change Newsletter

August 2015

Welcome to ITEP's Tribal Climate Change Newsletter. This monthly newsletter provides news items, resources, announcements about funding opportunities, conferences, and training, and other information relevant to tribal climate change issues.

ITEP's Climate Change Program News



*The North Star Fire has burned 155,000 acres as of August 25, mostly on the Colville Indian Reservation in Washington. Photo source: InciWeb
<http://inciweb.nwcg.gov/incident/photograph/4524/7/>*

About 500 people attended the **Tribal Lands and Environment Forum (TLEF)** last week (August 17-20) in Minneapolis, MN; there were many interesting breakout sessions, plenary sessions, and multiple field trips and trainings. The ½-day Climate Change Adaptation Planning training, which had approximately 50 participants, included several presentations and small-group discussions. The conference presentations will be available on the TLEF website soon: http://www7.nau.edu/itep/main/Conferences/confr_tlef.

I'll be at the **Tribal Climate Adaptation Workshop** offered by the California Landscape Conservation Cooperative on September 1-2 in San Diego, CA. This is a workshop for Southern California Tribes to learn about developing and implementing climate adaptation plans. <http://californialcc.org/events/tribal-climate-adaptation-workshop>

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Newsletter

Did someone forward this newsletter to you? Send an email to susan.wotkyns@nau.edu to subscribe or unsubscribe to the newsletter. Archived issues can be found at the Climate Change Program webpage: www7.nau.edu/itep/main/ClimateChange/

Tribes & Climate Change website

For more on tribes and climate change issues, visit ITEP's Tribes & Climate Change website at www7.nau.edu/itep/main/tcc/

Once again, ITEP and Northern Arizona University are offering a special online training course for tribal professionals interested in honing their skills in management, strategic planning, community outreach, policy, and leadership: **Online Native American Environmental Management Training**, September 14 – December 6, 2015. This special online training is broken into five modules and allows participants to earn continuing education units (CEUs). **Registration deadline is September 2!** For more information on the modules, training fees, and the training schedule, please visit: <http://www.nau.edu/professional/>.

— Sue Wotkyns, Program Manager

In The News

Wildfires Scorching Northwest, Including Tribal Lands

Hundreds of fires across Idaho and Washington started during the first half of August due to extremely dry conditions. The Colville Reservation in north central Washington was hit particularly hard with the North Star Fire, just north of Nespelem, listed at 150,000 acres as of August 25. Nearly that entire acreage is within the Colville Reservation. © 2015 Indian Country Today Media Network, LLC, 8/25/15.

<http://indiancountrytodaymedianetwork.com/2015/08/25/wildfires-scorching-northwest-including-tribal-lands-161516>

Fires, Drought, Melting Glaciers: Tribal Climate Experts Hope We Haven't Passed the Tipping Point

Mother Earth is teaching a lesson. Or giving us a scolding. The message, according to those working for climate change solutions: We have to change the way we live, the way we use the land and waters. © 2015 Indian Country Today Media Network, LLC, 8/24/15.

<http://indiancountrytodaymedianetwork.com/2015/08/24/fires-drought-melting-glaciers-tribal-climate-experts-hope-we-havent-passed-tipping-point>

Voices of Alaska: Inuit Circumpolar Council responds to climate change

Inuit Circumpolar Council Response to the topic of Global Climate Change, by James Stotts, ICC-Alaska President. Peninsula Clarion ©2015, 8/22/15.

<http://peninsulaclarion.com/opinion/2015-08-22/voices-of-alaska-inuit-circumpolar-council-responds-to-climate-change>

Archaeologists uncover new Yup'ik artifacts near Quinhagak

At a site near the Southwest Alaska village of Quinhagak archeologists are racing against time to uncover Yup'ik artifacts before the effects of climate change cause them to erode into the sea. The old village continues to reveal artifacts that give a glimpse into the daily lives of Yup'ik people hundreds of years ago. © ALASKA PUBLIC MEDIA 2015, 8/21/15.

<http://www.alaskapublic.org/2015/08/21/archaeologists-uncover-new-yupik-artifacts-near-quinhagak/>

Southwest's water crisis hitting Navajo people first – and hardest

The drought on the reservation could serve as a barometer for the rest of Arizona. © 2015 azcentral, 8/21/15.

<http://www.azcentral.com/story/news/arizona/investigations/2015/08/21/lack-snow-brings-hardships-navajo-reservation/31955229/>

3 Missing in Heavily Native Sitka, Alaska After Torrential Rains, Landslides

The city of Sitka, home of a few thousand Native Alaskans, has declared a state of emergency after three people went missing in the wake of landslides and a sinkhole caused by heavy rains. © 2015 Indian Country Today Media Network, LLC, 8/19/15.

<http://indiancountrytodaymedianetwork.com/2015/08/19/3-missing-heavily-native-sitka-alaska-after-heavy-rains-landslides-161433>

Video: President Barack Obama to Visit Arctic, Highlight Climate Change

President Barack Obama will visit the Alaskan Arctic to view firsthand the effects of climate change—and he's inviting the nation to follow along. © 2015 Indian Country Today Media Network, LLC, 8/17/15.

<http://indiancountrytodaymedianetwork.com/2015/08/17/video-president-barack-obama-visit-arctic-highlight-climate-change-161407>

Will these Alaska villagers be America's first climate change refugees?

Scientists estimate that due to climate change, the village of Kivalina, in northwestern Alaska, will be underwater by the year 2025. ©2015 Public Radio International, 8/9/15.

<http://www.pri.org/stories/2015-08-09/will-residents-kivalina-alaska-be-first-climate-change-refugees-us>

Scientists fear toxic algae bloom spreading on Pacific coast

The toxic algae blooms in the Pacific Ocean stretching from southern California to Alaska — already the largest ever recorded — appear to have reached as far as the Aleutian Islands, scientists say. Al Jazeera America, 8/1/15.

<http://america.aljazeera.com/articles/2015/8/1/scientists-fear-toxic-algae-bloom-continues-to-spread.html>

Santa Clara strives to build resilience to fires, floods

Recent rains across much of New Mexico have brought some relief amid prolonged drought conditions, but for Michael Chavarria, the governor of Santa Clara Pueblo, the onset of a heavy summer monsoon is more than a mixed blessing. Every time clouds converge over the Jemez Mountains, he and other tribal members brace themselves for the worst. © Copyright 2015, The Santa Fe New Mexican, 7/25/15.

http://www.santafenewmexican.com/news/local_news/as-climate-changes-santa-clara-strives-to-become-resilient-to/article_d0bcb54c-fdca-557d-ba2b-cada3a56d7e3.html

Resources

Adapting to Climate Change on the Oregon Coast: a Citizen's Guide (Oregon Shores Conservation Coalition)

This guide is intended to serve as an introduction to the vast amount of information available on topics related to climate change effects on the Oregon coast, as well as a sourcebook for citizens interested in helping their communities to begin the long process of adapting to these effects. March 2015.

<http://www.oregonshores.org/pdfs/ClimateChangeOnTheOregonCoast-March2015.pdf>

Climate Explorer—Visualizing Climate Data in Maps and Graphs

This is a research application built to support the U.S. Climate Resilience Toolkit. The tool offers interactive visualizations for exploring maps and data related to the toolkit's Taking Action case studies.

<http://toolkit.climate.gov/tools/climate-explorer>

EPA National Water Program's Climate Change Adaptation Tools (EPA)

EPA has developed a handout summarizing the tools developed by the agency for state, tribal, and local governments and others to adapt their clean water and drinking water programs to a changing climate. Tools include, among others, a Storm Surge Inundation and Hurricane Strike Frequency Map; a Workbook for Developing Risk-Based Adaptation Plans; a Flood Resilience Guide for Water and Wastewater Utilities; and a National Stormwater Calculator with Climate Scenarios.

<http://water.epa.gov/scitech/climatechange/Resources-and-Tools.cfm>

The Ethics of Traditional Knowledge Exchange in Climate Change Initiatives (Climate and Traditional Knowledges Workgroup)

An essay exploring the ethical philosophy behind Guidelines for Considering Traditional Knowledges in Climate Change Initiatives. Earthzine, © 2015 IEEE, 7/31/15

<http://earthzine.org/2015/07/31/the-ethics-of-traditional-knowledge-exchange-in-climate-change-initiatives/>

Native American Resources Committee Newsletter (American Bar Association)

This is a joint newsletter of the Native American Resources Committee and the Climate Change, Sustainable Development, and Ecosystems Committee. The newsletter explores the effect on tribes and indigenous peoples of climate adaptation, mitigation, and sustainability matters. This issue includes an article on p. 7 by Ann Marie Chischilly, ITEP's Executive Director, titled "Indian Tribes and Adaptation to Climate Change". Native American Resources Committee Newsletter, Vol. 11, No. 2, August 2015.

http://www.americanbar.org/content/dam/aba/publications/nr_newsletters/nar/201508_nar_joint.authcheckdam.pdf

NOAA Fisheries Climate Science Strategy (NOAA Fisheries)

The National Marine Fisheries Service (NOAA Fisheries) announced the release of the NOAA Fisheries Climate Science Strategy. The Strategy responds to growing demands for information and tools to prepare for and respond to climate impacts on marine and coastal resources – and the people, businesses and communities that depend on them.

<http://www.st.nmfs.noaa.gov/ecosystems/climate/>

Wildlife in Hot Water: America's Waterways and Climate Change (National Wildlife Federation)

This report examines how climate change is affecting and is expected to affect our nation's waterways and, in turn, our nation's wildlife. It covers the impacts that climate change is having on waters and aquatic habitats "from the mountains, to the prairies, to the oceans" and everywhere in between. 2015.

<http://nwf.org/News-and-Magazines/Media-Center/Reports/Archive/2015/08-11-2015-Wildlife-In-Hot-Water.aspx>

Years of Living Dangerously (YEARS) (National Wildlife Federation)

This NWF website contains resources for educators, students, and colleges.

<http://climateclassroom.org/>

Other Items of Interest

Advisory Committee on Water Information Announces Public Listening Session for Water Resources and Climate Change Adaptation Group, September 9, 2015

The Advisory Committee on Water Information (ACWI) has announced a listening session for the public (on September 9, 2015, 2-4 pm ET) to provide early input on updating priorities for collaborative efforts to manage freshwater resources in a changing climate. The Water Resources and Climate Change Adaptation Workgroup comprises over a dozen federal agencies interested in the management of the nation's water resources.

Information on the public listening session: <http://acwi.gov/useful-links/invitation-nap-listening-session.pdf>

ACWI website: <http://acwi.gov/>

Clean Power Plan (US EPA)

On August 3, President Obama unveiled the final version of the Clean Power Plan - the strongest action ever taken in the United States to combat climate change. The Clean Power Plan will reduce carbon pollution from power plants, the nation's largest source, while maintaining energy reliability and affordability.

Website: <http://www2.epa.gov/cleanpowerplan>

Fact Sheet: <http://epa.gov/airquality/cpp/fs-cpp-preview.pdf>

Commission for Environmental Cooperation Issues Five-Year Climate Plan and Announces Roster of Experts in Traditional Ecological Knowledge

The EPA Administrator, along with counterparts from Canada and Mexico, recently announced a 2015-2020 Strategic Plan that focuses on climate change mitigation and adaptation, green growth, and sustainable communities and ecosystems.

The Strategic Plan represents a renewed commitment on the part of the three nations to conserve, protect, and enhance the North American environment by providing resources, expertise, and direction through the Commission for Environmental Cooperation (CEC). The CEC leaders also announced the selection of 15 individuals with traditional ecological knowledge who will serve as advisors to the CEC's Joint Public Advisory Committee.

Strategic plan: http://www.cec.org/Storage/163/19165_CEC2015-2020_StrategicPlan_e3.1_rev1_final.pdf

Press release announcing experts in TEK: <http://www.cec.org/Page.asp?PageID=122&ContentID=25883>

New Advisory Committee for the Sustained National Climate Assessment – Accepting Nominations

NOAA posted a Federal Register Notice announcing the formation of the new Advisory Committee for the Sustained National Climate Assessment. The Committee will provide advice on sustained assessment activities and products, including engagement of stakeholders, and will have fifteen non-Federal members. Interested persons may submit nominations for themselves or third parties at contribute.globalchange.gov through September 14. More information about the Committee and how to submit nominations is available at <http://www.globalchange.gov/what-we-do/assessment/FAC>.

Funding Opportunities

NOTE: More Funding Opportunities can be found at the Tribes & Climate Change website:

<http://www7.nau.edu/itep/main/tcc/Resources/funding>. Also, see the Tribal Climate Change Guide to Funding, Science, Programs, and Adaptation Plans maintained by the Pacific Northwest Tribal Climate Change Project at the Univ. of Oregon: <http://envs.uoregon.edu/tribal-climate/>

DOE Announces Plans to Issue FOA for Tribal Clean Energy Projects (DOE)

The DOE Office of Indian Energy Policy and Programs intends to issue a funding opportunity announcement (FOA) later this year that will help promote tribal energy sufficiency by providing funding for tribes to make their buildings more energy efficient and deploy community-scale clean energy systems. Eligible applicants for this opportunity include Indian tribes, Alaska Native regional and village corporations, tribal energy resource development organizations, and tribal consortia on whose Indian land the project will be located.

Press release: <http://energy.gov/indianenergy/articles/doe-announces-notice-intent-issue-funding-tribal-clean-energy-and-energy>

Notice of intent: <https://eere-exchange.energy.gov/#Foald99c1a142-d3aa-416d-95ed-5a0d15ad39c7>

Great Lakes Restoration Initiative 2015 Request for Applications (USEPA)

EPA is soliciting applications for grants and/or cooperative agreements to be awarded as part of the Great Lakes Restoration Initiative. Applications are requested for projects within the five categories listed below, each of which has a

separate Funding Opportunity Number (FON): Invasive Species Prevention (EPA-R5-GL2015-ISP), Invasive Species Control (EPA-R5-GL2015-ISC), Urban Watershed Management Implementation (EPA-R5-GL2015-UWM), Agricultural Watershed Management Implementation (EPA-R5-GL2015-AWM), Maumee River Watershed Nutrient Prevention Pilot Project (EPA-R5-GL2015-MNP). Eligibility includes federally-recognized tribes and tribal organizations. Deadline 9/28/15. <http://www2.epa.gov/great-lakes-funding/great-lakes-restoration-initiative-2015-request-applications>

The Coastal Program (USFWS)

The Coastal Program is a voluntary, incentive-based program that provides direct technical assistance and financial assistance in the form of cooperative agreements to coastal communities and landowners to restore and protect fish and wildlife habitat on public and private lands. Coastal Program staff coordinate with project partners, stakeholders and other Service programs to identify geographic focus areas and develop habitat conservation priorities within these focus areas. Eligibility includes Native American tribal governments and Native American tribal organizations. Funding opportunity #F15AS00005. Deadline: 9/30/15. <http://www.grants.gov/web/grants/view-opportunity.html?oppld=268288>

FY 2016 Tribal Wildlife Grants (USFWS)

Tribal Wildlife Grants are used to provide technical and financial assistance to Tribes for the development and implementation of programs that benefit fish and wildlife resources and their habitat. Eligibility: Federally recognized tribal government. Funding opportunity #F15AS00376. Deadline: 10/30/15. <http://www.grants.gov/web/grants/view-opportunity.html?oppld=277974>

Upcoming Events

NOTE: More Upcoming Events can be found on the Tribes & Climate Change website: <http://www7.nau.edu/itep/main/tcc/Home/Events>

September 2015

Training: Tribal Climate Adaptation Workshop

September 1-2, San Diego. Offered by the California Landscape Conservation Cooperative. Workshop for Southern California Tribes to learn about developing and implementing climate adaptation plans. <http://californialcc.org/events/tribal-climate-adaptation-workshop>

Workshop: Colorado Commercial-Scale Tribal Renewable Energy Workshop

September 1-3, Golden, CO. The U.S. Dept. of Energy (DOE) Office of Indian Energy, with support from the National Renewable Energy Laboratory (NREL), is presenting an interactive workshop that will walk participants through the process for developing commercial-scale renewable energy projects on tribal lands. <http://www.energy.gov/indianenergy/events/colorado-commercial-scale-tribal-renewable-energy-workshop>

Webinar: Climate-change Effects on Low Flows and Habitat in Hawai'i Streams

September 3, 11 am HST (2 pm PDT). Pacific Islands Climate Science Center webinar. Presenter: Maoya Bassiouni, Pacific Islands Water Science Center, US Geological Survey. Climate change will affect the beneficial uses of stream flow, which include supplying freshwater for irrigation and domestic needs, providing for Hawaiian practices, and maintaining habitat for native stream fauna. In a case study for perennial streams on Maui, Bassiouni estimated the spatially variable changes in low flows and usable stream habitat using two sets of downscaled rainfall projections for the late 21st century. Results of this study provide a spatial understanding of how projected changes in rainfall affect stream low flows and usable habitat for native aquatic species. <https://www.doi.gov/csc/pacific/pressreleases/upcoming-webinar-climate-change-effects-low-flows-and-habitat-hawaii>

Webinar: Clean Power Plan

September 9, 1:00-2:30 pm Eastern Time. Offered by the US Environmental Protection Agency. This is a webinar for communities that will discuss the Clean Power Plan and the first-ever national standards that address carbon pollution from power plants. This webinar will also focus on what communities need to know about the Clean Power Plan. Pre-Registration is not required. Materials from this webinar will be posted on the Clean Power Plan Community website afterwards (<http://www2.epa.gov/cleanpowerplan/clean-power-plan-community-page>).

Webinar Link: <https://epa.connectsolutions.com/cpp-community500/> Click "Enter as a Guest". Type in your first & last name and organization Click "Enter Room" Use the participant call in number and conference ID below for audio. Participant Number: 1-800-309-5450 Conference ID: 3084962.

Webinar: Identifying Resilient Terrestrial Landscapes in the Pacific Northwest

September 9, 1-2 pm Pacific. Hosted by the North Pacific, Great Basin & Great Northern LCCs. Presenters: Steve Buttrick

and Ken Popper of The Nature Conservancy. The webinar will focus on a TNC project identifying areas in the Pacific Northwest that collectively and individually best sustain native biodiversity in a changing climate.

<http://www.northpacificlcc.org/joint-lcc-science-management-webinar-identifying-resilient-terrestrial-landscapes-in-the-pacific-northwest-with-the-nature-conservancy>

Conference: Addressing Climate Change- Emerging Policies, Strategies, and Technological Solutions

September 9-11, Oak Brook, IL. Hosted by the Air & Waste Management Association. International conference on emerging policies and strategies for addressing climate change issues related to greenhouse gases (GHGs) and other short-lived climate forcing species. The conference will focus on emerging policies, regulations, and strategies for addressing climate change impacts, including mitigation and adaptation strategies.

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

Conference: California Salmon and Climate Variability Symposium

September 10, Davis, CA. Hosted by the UC Davis Coastal and Marine Sciences Institute. Symposium seeks to explore recent scientific progress in understanding how variable and changing ocean and hydrologic conditions affect Central Valley salmon and their management.

<http://cmsi.ucdavis.edu/events/salmon-and-climate-symposium.html>

Conference: 2015 NAFWS Great Lakes Region Conference

September 13-17, Acme, MI.

<http://www.nafws.org/events/regional-events>

ITEP online training: Native American Environmental Management Training

September 14-December 6. The Institute for Tribal Environmental Professionals (ITEP) and Northern Arizona University are offering a special online training course for tribal professionals interested in honing their skills in management, strategic planning, community outreach, policy, and leadership. This training is broken into five modules and allows participants to earn continuing education units (CEUs). **Registration deadline is September 2.**

<http://www.nau.edu/professional/>

Seminar/Livestream: Climate Adaptation: American Indians and Alaska Natives

September 14, 12:15-1:15 pm Eastern, Washington, DC. This will also be livestreamed. Offered by US Dept. of Interior's Office of Policy Analysis. Panel discussion on current efforts and partnerships between tribes and the federal government to plan and prepare for and enable climate preparedness and resilience.

<https://www.doi.gov/ppa/events/climate-adaptation-american-indians-and-alaska-natives>

Livestream: <http://livestream.com/usinterior/events/4249247>

Webinar: Climate What Role Does Tribal Sovereignty Play in Climate Adaption Planning?

September 15, 10-11 am Alaska. Hal Shepherd with Water Policy Consulting, LLC will discuss how tribal governments can effectively manage natural resources, encourage federal agencies to recognize and implement the federal trust duty to Alaskan Native Villages, address water quality and quantity changes and protect the environment consistent with cultural, subsistence and traditional needs.

<http://www.waterpolicyconsulting.com/>

Webinar: Midwest and Great Plains Drought Webinar

September 17, 1-2 pm Central. Each month, a state climatologist and a NOAA regional climatologist conduct public webinars to brief interested members of the public about ongoing and near-future changing climate conditions in the Great Plains and Midwestern United States.

<http://drought.gov/drought/content/regional-programs/regional-drought-webinars>

Conference: Tahoe Science Conference

September 21-23, Reno, NV. Hosted by the Tahoe Science Consortium, University of Nevada, Reno and Desert Research Institute. The theme of the conference is "Tahoe Science in a Changing Climate." Lake Tahoe and many other high alpine lakes around the world are facing increasing stresses from changes in climate and precipitation. The 2015 Tahoe Science Conference will encourage creative dialogue among scientists, environmental managers, public officials and the general public about how to protect high alpine ecosystems under changing environmental and social climates.

<http://tahoescience.org/wp-content/uploads/2015/02/SaveTheDateTSC15.pdf>

Symposium: Climate-Smart Conservation Case Studies in the Southern California Coast

September 23, 9:30-11:30 am, San Diego, CA. You can also attend this event online (1 hour only): 9:30-10:30 AM Pacific. Hosted by the San Diego Management & Monitoring Program and the San Diego Climate Science Alliance. Symposium of Climate-Smart Conservation case studies from the coast of Southern California.

<http://californialcc.org/events/climate-smart-conservation-case-studies-southern-california-coast>

National Tribal Energy Summit

September 23-25, Washington, DC. The event will highlight challenges and showcase opportunities in the areas of: Science and technology, policy, and the regulatory environment; Community- and commercial-scale energy project development; Tribal education and workforce development; Federal procurement; and Energy sector supply chain participation.

<http://energy.gov/indianenergy/events/save-date-tribal-energy-summit>

Training: Climate-Smart Conservation with Scenario Planning

September 28-October 2, Fairbanks, AK. Offered by the USFWS National Conservation Training Center. This class is based on two guides: Climate-Smart Conservation: Putting Adaptation Principles into Practice and Considering Multiple Futures and Scenario Planning to Address Uncertainty in Natural Resource Conservation.

<http://training.fws.gov/NCTCWeb/catalog/CourseDetail.aspx?CourseCodeLong=FWS-ALC3187>

Webinar: Evaluation and Monitoring Examples from the Field

September 30, 10-11 am PDT. National Adaptation Forum Webinar Series hosted by CAKEx.org. Good adaptation is going to require monitoring and evaluation in order to determine what is working and what is not working. Practitioners in the field are starting to look at ways to integrate monitoring and evaluation into their work. Join us to learn more about examples of climate adaptation evaluation and monitoring efforts.

<http://www.nationaladaptationforum.org/other-adaptation-events/webinars/climate-adaptation-evaluation-and-monitoring>

October 2015**Conference: 13th Biennial Conference of Science and Management on the Colorado Plateau**

October 5-8, Flagstaff, AZ. Forum for bringing together resource managers and research scientists to discuss findings and management needs associated with the Southwest's natural and cultural resources.

<http://nau.edu/Merriam-Powell/Biennial-Conference/>

Conference: 2015 NAFWS Pacific Region Conference

October 13-14, Polson, MT. Native American Fish and Wildlife Society regional conference.

<http://www.nafws.org/events/regional-events>

Convention: National Congress of American Indians (NCAI) 72nd Annual Convention and Marketplace

October 18-23, San Diego, CA.

<http://www.ncai.org/events/2015/10/18/72nd-annual-convention-and-marketplace>

Training: Climate Change Vulnerability Assessment

October 26-29, Santa Fe, NM. Offered by the USFWS National Conservation Training Center and sponsored in collaboration with the Bureau of Indian Affairs and the Choctaw Nation of Oklahoma. This course is designed to guide conservation and resource management practitioners in two essential elements in the design of climate adaptation plans: (1) identifying which species or habitats are likely to be most strongly affected by projected changes; and (2) understanding why these resources are likely to be vulnerable. For more information, contact April.Taylor@chickasaw.net

Conference: Alaska Tribal Conference on Environmental Management

October 26-30, Anchorage, AK. ATCEM, organized by the Alaska Native Tribal Health Consortium, is an annual gathering that brings together Tribes, Non-profits, and State and Federal organizations, for a week of environmental conversations. The discussions focus on finding and implementing solutions to address the unique environmental concerns facing Alaskan communities

<http://www.atcemak.com/>

Training: Climate Adaptation for Conservation Training & Coaching Session

October 27-29, Memphis, TN. Offered by the Wildlife Conservation Society. Hands-on training in how to consider climate change information in conservation planning and identify adaptation actions for implementation. It will also furnish participants with feedback and coaching on their own real-world climate adaptation project.

http://api.ning.com/files/UJ8aoEzo49bpfo-xFaXhlpJMvk9gKj63lxFDolb-7h3u36VCwtBq8VgBQYLdMcIVXdbulj5qQ8rvKDh9cWlIiSi-kqP1Su/WCSTrainingFlyer_OctoberWCS_Final_1112.pdf

Conference: 23rd Annual Tribal/EPA Region 9 Conference

October 27-29, Reno, NV. For the past 23 years, the annual conference has been an important opportunity for partnership and ongoing collaboration between Tribes, U.S. Environmental Protection Agency, and other federal, state, and local agencies. The annual conference provides the Tribes with valuable training, networking opportunities, and resource-sharing. Will include climate change sessions.

<http://region9tribal-epaconference.com/>

Conference: Restoring the West Conference 2015

October 28-29, Logan, UT. Theme: Restoration and Fire in the Interior West. Organized and sponsored by Utah State University, USDA Forest Service, and the Western Aspen Alliance. Humans have used fire to manage forest vegetation for a long time. However, relatively recent changes in fire regimes have presented challenges for people tasked with managing these dynamic ecological systems. Climate change, drought, increasing fuel loads and disease-stricken trees have many researchers considering the role of fire as a tool for restoration. This conference will bring together leading experts, land managers and scientists for a discussion on this timely topic.

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

November 2015

Conference: 2015 Southwest Climate Summit

November 2-3, Sacramento, CA. The conference will bring together managers and scientists to share emerging climate science, Climate-Smart Conservation results, management and policy responses, and lessons learned across the Southwest.

<http://www.swcsc.arizona.edu/content/2015-southwest-climate-summit>

Conference: Sixth Annual Pacific Northwest Climate Science Conference

November 4-5, Coeur d'Alene, ID. The PNW Climate Science Conference annually brings together more than 250 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 Pacific Northwest. It is the region's premier opportunity for a cross-disciplinary exchange of knowledge and ideas about regional climate, climate impacts, and climate adaptation science and practice.

<https://www.nwclimatescience.org/node/496>

Online training: Climate Change Policy and Public Health

November 9 - December 3. Offered by University of Wisconsin-Madison through Coursera. 4-8 hours/week. Explore current evidence linking climate change and public health while learning the fundamental co-benefits of climate change mitigation. Evaluate policies and interventions while gaining hands on experience communicating climate science and health to policy makers and the general public.

<https://www.coursera.org/course/ccandph>

Conference: 2015 Rising Seas Summit

November 12-14, Cambridge, MA. The Association of Climate Change Officers (ACCO) has announced the 2015 Rising Seas Summit, which will be held in collaboration with the City of Boston and the Boston Green Ribbon Commission. It brings together professionals from national and local government, industry, academic institutions and environmental NGOs to highlight the interrelationships between sea level rise, climate change and extreme events.

<http://www.risingseassummit.org/index.html>