



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 Tribal Climate Change Newsletter

April 2018



Wisconsin Point, Superior, Wisconsin: People walking on frozen ice jams, looking towards Lake Superior. Photo credit: Leanna Begay

Boozhoo!

As some parts of the country is blanketed with snow and other places are unseasonably warm, we hope you find the comfortable balance to be traveling between both weather extremes.

We recently traveled to Duluth, Minnesota for the Rising Voices Workshop and just missed the blizzard of the year. The workshop was filled with inspirational work, partnership opportunities and encouragement of youth leadership. Keynote speakers Winona LaDuke and Karen Diver shared their enthusiasm for working in Indian Country and reminded us all that we are indigenous protectors. Thanks to all the organizers, presenters and attendees in making the event a success!

An upcoming event we hope to see you at is the National Tribal Forum (NTF) on Air Quality to be held May 14-17, 2018 in Carlton, MN. The agenda includes four breakout sessions for topics related to: Air Quality Policy & Regulations, Indoor Air Quality, Air Quality Technical & Outreach, and Climate Change. Click here to view more information related to this conference http://www7.nau.edu/itep/main/Conferences/confr_ntf.

We are launching a new Climate Change 201 course that would serve cohorts of tribes working through the entire process of developing a strategic climate change adaptation plan focusing on a particular topic. If interested click here for more information http://www7.nau.edu/itep/main/tcc/docs/training/ccTrng201_CourseDescription.pdf.

With that, we wish you well and look forward to seeing you soon!

-Nikki, Karen, Leanna, Colleen & Adrian

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Newsletter

To subscribe or unsubscribe to this newsletter, please go to www7.nau.edu/itep/main/listsrv/ where you can manage your Tribes & Climate Change Listserv and other ITEP Listserv subscriptions.

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/

In The News

Synagogue Pulls Money from JPMorgan to Fight Climate Change

- Congregation Kolot Chayeyinu, a synagogue in Park Slope, has withdrawn its money from Chase Bank. The action is part of an increasing environmental movement created to punish companies engaged in fossil fuel industries and its ancillaries. Rabbi Ellen Lippmann stated that she was involved with the Water Protectors of Standing Rock, which influenced the decision to withdraw their modest funds but hopes it will make a statement. ©2013-2018 WorldReligionNews.com, 04/19/18. <https://www.worldreligionnews.com/religion-news/synagogue-pulls-money-jpmorgan-fight-climate-change>

Traditional Chief Albert Naquin Raises Climate Change Awareness

- As a part of Climate Justice Month, Traditional Chief Albert Naquin, tribal leader of the Band of Biloxi-Chitimacha-Choctaw tribe, visited Appalachian State for a potluck, seminar and screening of a short film focused on climate change on April 11. © theappalachianonline.com, 04/19/18. <http://theappalachianonline.com/2018/04/19/traditional-chief-albert-naquin-raises-climate-change-awareness/>

A 'monstrosity' or a Step Forward? Puyallup Tribe, PSE in Showdown Over Tacoma Natural-Gas Plant

- Puget Sound Energy's plan to build a liquefied natural-gas plant, to provide cleaner fuel for transportation and natural gas to its customers, has turned into a waterfront battle more bitter than anything this city has seen in years. Washington tribes have joined in asking Gov. Jay Inslee to halt the project. © The Seattle Times, 04/09/2018. <https://www.seattletimes.com/seattle-news/environment/puget-sound-energy-puyallup-tribe-in-showdown-over-lng-plant-on-tacoma-tideflats/>

Native Americans Fighting Fossil Fuels

- Indigenous people are rejecting oil, coal and gas extraction in favor of renewable energy to save their land, increase employment and fight global warming. © Scientific American, 04/09/2018. <https://blogs.scientificamerican.com/voices/native-americans-fighting-fossil-fuels/>

California needs more water storage as the climate changes. Yes, that means dams

- The first thing to remember about precipitation in California is that it's unpredictable, as the past several winters have once again shown us. © The Sacramento Bee, 04/08/2018. <http://www.sacbee.com/opinion/california-forum/article208100964.html>

In Louisiana, A Plan To Relocate The Country's First 'Climate Refugees' Hits A Roadblock

- The state just announced the new location it has selected for relocating a community threatened by climate change. It wasn't the community's plan. A small Louisiana tribe hoping to reunite its members in a new, upland community before their island home disappears under rising seas is now watching that goal recede. © ENVIRONMENT, 04/03/2018. https://www.huffingtonpost.com/entry/louisiana-climate-refugees-plan-roadblock_us_5ab402ade4b008c9e5f55c1b

EPA Approves Southern Ute Indian Tribe's Application to Implement Water Quality Standards Program

- The U.S. Environmental Protection Agency (EPA) has approved the Southern Ute Indian Tribe's application to assume responsibilities associated with the Clean Water Act's Water Quality Standards and Certification programs. These programs will enable the Southern Ute Tribe to establish the regulatory and scientific foundation for protecting water quality, setting water quality goals and also will serve as the regulatory basis for establishing water quality-based treatment controls and strategies for the Tribe's surface water bodies on tribal trust lands. © News Release from Region 08, 04/02/2018. <https://www.epa.gov/newsreleases/epa-approves-southern-ute-indian-tribes-application-implement-water-quality-standards>

Melting Arctic Permafrost Could Release Tons of Toxic Mercury

- A study published Feb. 5 in the journal Geophysical Research Letters reports that the amount of natural mercury bound up in Arctic permafrost may be 10 times greater than all the mercury humans have pumped into the atmosphere from coal-burning and other pollution sources over the last 30 years. © National Geographic, 02/06/2018. <https://news.nationalgeographic.com/2018/02/melting-arctic-permafrost-toxic-mercury-environment/>

Tribal Climate Change Profiles

The tribal climate change profiles on the Tribes & Climate Change website (<http://www7.nau.edu/itep/main/tcc/Tribes/>) are intended to be a pathway to increasing knowledge among tribal and non-tribal organizations interested in learning about climate change mitigation and adaptation efforts. If your tribe or tribal organization would like to be featured in profile, please contact Nikki.Coolley@nau.edu or Karen.Cozzetto@nau.edu. We recently posted a couple of new profiles to the website:

Confederated Tribes of the Colville Reservation

- On a heavily forested reservation, Colville, had been struck by two devastatingly large wildfires in recent memory. With the dangers after such wildfires concerns related to air quality, water quality, flooding and soil stabilization propelled natural resource managers to encourage prevention methods to safeguard the precious natural resources abundant on tribal land. Along with prevention came the incorporation of traditional ecological knowledge to help address climate-related problems with solutions. We graciously thank Kris Ray, Sheri Sears, and Amelia Marchand for taking the time on behalf of the Confederated Tribes of Colville for working with ITEP to create an informative profile. http://www7.nau.edu/itep/main/tcc/Tribes/pn_colville

Native Seeds/Search (NS/S) Profile

- NS/S has been collecting seeds for over 35 years with a majority of the seeds received as gifts from and exchanges with growers from the desert Southwest region. With the collection of numerous species research has shown that its best to keep the seeds growing in their original environment because it allows for the plants to retain its adaptability to grow in those conditions. As compared to a seed removed to grow in a less demanding environment and not being able to successfully grow. Thank you to Nicholas Garber, Conservation Program Manager at NS/S, for working with ITEP in sharing the importance of preserving highly adaptable plants. http://www7.nau.edu/itep/main/tcc/Tribes/sw_NativeSeeds

Resources

Climate Change in the High Arctic: Lake Hazen's Response

- High above the Arctic Circle, far from the footprint of human civilization, a significant indication of human-induced climate change has manifested in Lake Hazen, the largest lake by volume north of the Arctic Circle. The lake and surrounding glacial environment are experiencing rapid change as the climate warms, ice cover declines, and glaciers retreat. © 2018 GlacierHub, 04/17/18. <http://glacierhub.org/2018/04/17/climate-change-in-the-high-arctic/>

"Here Now, Gone Tomorrow 2nd Edition" Now Available!

- Climate Kids Ambassadors from High Tech Middle North County are at it again! Spreading the word on endangered species affected by climate change through storytelling and art in the 2nd Edition of "Here Now, Gone Tomorrow"! © Climate Science Alliance South Coast. 04/09/2018. <http://www.climatesciencealliance.org/single-post/2018/04/09/Here-Now-Gone-Tomorrow-2nd-Edition-Now-Available>

Data, Maps, & Resources for Snow Drought now Live on Drought.gov

- In response to the need for snow drought resources, the NIDIS Drought Early Warning System (DEWS) coordinators (multi-agency collaboration) developed tools and resources that can help decision makers and resource managers to monitor, plan for, and cope with snow drought and its impacts. © National Integrated Drought Information System. 04/05/2018. <https://www.drought.gov/drought/news/data-maps-resources-snow-drought-now-live-droughtgov>

Hot Off The Press: Assessing the State of Landscape Conservation Initiatives in North America

- This report compiles survey results from 2017 to describe the state of Landscape Conservation Initiatives. Check it out and see how landscape conservation can inform your work! © Network for Landscape Conservation. 03/2018. http://landscapeconservation.org/wp-content/uploads/2018/04/NLC-2017-Survey-Report_Final-Report.pdf

Breakthrough: Bitter Water

- This video is part of "Breakthrough: Portraits of Women in Science," a short film anthology from Science Friday and Howard Hughes Medical Institute (HHMI) that follows women working at the forefront of their fields. Hear Karletta Chief's [interview](#) on Science Friday, and check out the [rest of the Breakthrough series](#). © Science Friday Initiative, INC. 01/12/18. <https://www.sciencefriday.com/videos/breakthrough-bitter-water/>

Finding Resilience in Changing Climates

- NSIDC-led project will connect Arctic and U.S. Southwest Indigenous communities facing food security challenges. © Cooperative Institute for Research in Environmental Sciences. 08/24/17. <https://cires.colorado.edu/news/finding-resilience-changing-climates>

United States Drought Monitor

- The weekly maps are released at 8:30 a.m. Eastern Standard Time each Thursday and are assessments of past conditions based on data through 7 a.m. Eastern time (8 a.m. Eastern Daylight Time) the preceding Tuesday. The map is based on measurements of climatic, hydrologic and soil conditions as well as reported impacts and

observations from more than 350 contributors around the country. © The United States Drought Monitor. 2018. <http://droughtmonitor.unl.edu>

Integrating Ecological and Social Knowledge: Learning from CHANS Research

- As scientists it is challenging to integrate across disciplines such as ecological and social disciplines. This project highlights some of the lessons from a National Science Foundation-funded CHANS project (Forests, People, Fire) and present considerations for developing and engaging in coupled human and natural system projects. © Ecology and Society. 2017. <http://www.ecologyandsociety.org/vol22/iss1/art26/>

Other Items of Interest

Job Vacancy: Environmental Natural Resources Director-Pueblo of Tesuque

- ❖ The successful candidate will be responsible for the operation and administration of all environmental aspects of tribally owned property. Adherence to Pueblo's policy and procedures, Tribal, Federal and State laws is mandatory. Overseeing the environmental performance of private, tribal and voluntary sector organizations and will develop, implement and monitor environmental strategies, policies and programs that promote sustainable development. Job Announcement #2018-009. Submit application and resume to: Pueblo of Tesuque Human Resources Department, Rt. 42 Box 360T, Santa Fe, NM 87506, Fax (505) 982-2331 or email to tesuquehr@pueblooftesuque.org

Job Vacancy: Water Quality Specialist-Pueblo of Tesuque

- ❖ Incumbent is primarily responsible for the day-to-day activities administered under the Water Quality Program, to include all technical requirements contained within the Quality Assurance Project Plan(s) (QAPP's) specific to this program. The Water Quality Specialist must have a strong background in math, science and computer technology. Incumbent carries out accepted sampling protocol standards and will be required to perform other duties within multiple on-going projects relating to the environment. At times, this incumbent will work in relative isolation, spending more than 70% of shift out in the field. Job Announcement #2018-006. Submit application and resume to: Pueblo of Tesuque Human Resources Department, Rt. 42 Box 360T, Santa Fe, NM 87506, Fax (505) 982-2331 or email to tesuquehr@pueblooftesuque.org

EPSCoR Summer Science at OU for Native American Students – 2018

- ❖ The OU EPSCoR Native American Summer Science Program is a dynamic summer research opportunity for Native American undergraduate students who are interested in learning about the connection between microbiology and the Earth. Please visit website for additional information oubugremedee.org/workshop/ and register at <https://goo.gl/TVevoB>. Questions contact Lee Krumholz at krumholz@ou.edu.

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 maintained by the Pacific Northwest Tribal Climate Change Project at the Univ. of Oregon: <http://tribalclimateguide.uoregon.edu/>

Resilient Grant Program

- From extreme weather to rising sea levels, the threat that climate change poses to communities across California is becoming all too apparent. In an effort to promote local resilience to climate change, PG&E is investing \$2 million over five years through the Better Together Resilient Communities grant program to support local climate resilience initiatives. **Deadline: 05/11/2018**. For further information and how to apply please visit: https://www.pge.com/en_US/residential/in-your-community/local-environment/resilient-communities/resilient-communities-grant-program.page?WT.mc_id=Vanity_resiliencegrants

Alaska Native-Serving and Native Hawaiian-Serving Institutions Education Competitive Grants Program (ANNH)

- The purpose of this program is to promote and strengthen the ability of Alaska Native-Serving Institutions and Native Hawaiian-Serving Institutions to carry out education, applied research, and related community development programs. NIFA intends this program to address educational needs, as determined by each institution, within a broadly defined arena of food and agricultural sciences-related disciplines. Priority will be given to those projects that enhance educational equity for underrepresented students; strengthen institutional educational capacities; prepare students for careers related to the food, agricultural, and natural resource systems of the United States; and maximize the development and use of resources to improve food and agricultural sciences teaching programs. **Deadline: 05/11/2018**. https://nifa.usda.gov/funding-opportunity/alaska-native-serving-and-native-hawaiian-serving-institutions-education?utm_content=&utm_medium=email&utm_name=&utm_source=govdelivery&utm_term

Aquatic Invasive Species Grant to Great Lakes Tribes

- Under FY18 appropriations to the Great Lakes Restoration Initiative, or GLRI, the U.S. Fish and Wildlife Service will provide grants to develop or support implementation of Great Lakes Tribal Aquatic Nuisance Species Management Plans. Funding opportunity #: F18AS00107. Eligible applicants: Native American tribal organizations and governments. **Deadline: 06/04/2018.** <https://www.grants.gov/web/grants/search-grants.html>

Saginaw Bay to Western Lake Erie Coastal Wetland

- The Saginaw Bay to Western Lake Erie Coastal Wetland Initiative (Initiative) is a voluntary-based, collaborative program that provides financial assistance to coastal communities and landowners to restore and protect fish and wildlife habitat on public and private lands. Funded through the Great Lakes Restoration Initiative (GLRI), the Saginaw Bay to Western Lake Erie Coastal Wetland Initiative is focused on promoting on-the-ground restoration, enhancement, and protection of priority coastal wetlands. Funding is available for proposed on-the-ground projects within the U.S. portion of the Great Lakes basin in the Saginaw Bay to Western Lake Erie coastal corridor. The specific geography includes the coastal areas associated with Saginaw Bay (Michigan) in Lake Huron south and east to Old Woman Creek (Ohio) in Western Lake Erie. This Initiative is part of a regional federal, state, and local partnership effort called the Coastal Conservation Working Group (CCWG) which is focused on coastal wetland conservation across the Great Lakes. Funding opportunity: F18AS00109. Eligible applicants include Native American tribal organizations and governments. **Deadline: 06/04/2018.** <https://www.grants.gov/web/grants/search-grants.html>

Paleo Perspectives on Climate Change (NSF)

- The goal of research funded under the interdisciplinary P2C2 solicitation is to utilize key geological, chemical, atmospheric (gas in ice cores), and biological records of climate system variability to provide insights into the mechanisms and rate of change that characterized Earth's past climate variability, the sensitivity of Earth's climate system to changes in forcing, and the response of key components of the Earth system to these changes. Funding opportunity #: 17-582. Eligibility is unrestricted. **Deadline: 10/22/2018.** <https://www.grants.gov/web/grants/search-grants.html>

Upcoming Events

NOTE: More Upcoming Events can be found at the Tribes & Climate Change website:

<http://www7.nau.edu/itep/main/tcc/Home/Events>

April

NC CASC: Monthly Check-in Call

April 24, 11-12pm (MT). Offered by the North Central Climate Adaptation Science Center (NC CASC). Presenter Shelley Crausbay, Conservation Science Partners. <https://mailchi.mp/972c8c6a031c/april-25th-nc-csc-revamp-check-in-11am-mt-3276777?e=dad356cf9d>

Webinar: NOAA's Regional Climate Services Program: Regional Activities in the East

April 25, 3:30-4:30 p.m. (EDT). Offered by the NE CSC. Featured speakers include Ellen Mecray and Arthur DeGaetano. <https://necsc.umass.edu/webinars/noaas-regional-climate-services-program-regional-activities-east>

Webinar (1 of 2): Tribal Waters and Climate Change

April 26, 11:00 a.m. (CT). Offered by the Universities Council on Water Resources. Emerging Voices of Tribal Perspectives in Water Resources. Webinar #1 features two papers on tribal waters and climate change. First, Suhina Deol and Bonnie Colby will discuss their paper, "Tribal Economies: Water Settlements, Agriculture, and Gaming in the Western U.S." Ryan Emanuel will follow with a talk on, "Climate Change in the Lumbee River Watershed and Potential Impacts on the Lumbee Tribe of North Carolina." Register at <http://www.ucowr.org>

Webinar (1 of 2): NIH: Cross-Jurisdictional Considerations for Addressing Zika and Other Public Health Threats

April 26, 4:00-5:00 p.m. (ET). Offered by the National Indian Health Board. Communicating, coordinating, and collaborating with adjacent or overlapping governments can be daunting in the best of situations. Collaboration becomes especially complex when those partnerships get tested in critical public health situations. Many Tribal governments face additional challenges, including the need to educate state and local partners on Tribal sovereignty and jurisdiction, and the status that Tribes and Tribal Epidemiology Centers (TECs) hold as public health authorities. <http://campaign.r20.constantcontact.com/render?m=1110714960954&ca=127a37ab-c48d-42d6-b788-d469a2cce9cc>

Webinar: The Southwestern Monsoon – Presentations and Discussion

April 27, 10:30 a.m. -12 p.m. (MST). Offered by the CLIMAS Colloquium Series. Speakers include Chris Castro, Ryan Dennis, Dan Leins, and Ben McMahan. Join for presentations and a Q&A about: recent monsoon research projects at UA, how the National Weather Service anticipates and responds to the monsoon, the tools and resources that CLIMAS produces and uses to characterize the monsoon, and an upcoming CLIMAS research collaboration with the National Weather Service. To register in advance: https://zoom.us/webinar/register/WN_oe2zaVb5QcaOL_F71mxdwQ

Conference: 2018 Local Solutions: Eastern Climate Preparedness Conference

April 30-May 02, Manchester, NH. Offered by the Antioch University Center for Climate Preparedness & Community Resilience. 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.

<http://www.communityresilience-center.org/conferences/local-solutions-conference-2018/>

May**Network Call: Southwest Tribal Climate Change Network**

May 2, 11:00 a.m. (MST). Join the call for the presentation titled “Natural and Man-Made Disaster Preparedness” by Sandra Tripp and Sherry Stout. To join the call, register here (<https://zoom.us/j/307262449>) or go to this URL: <https://zoom.us/j/112981846>

Conference: California Society of Ecological Restoration

May 9-11, San Diego, CA. This is the 25th annual conference. The California Society for Ecological Restoration (SERCAL) is a membership organization, registered federally as a 501 (c) 3 nonprofit and in California as a educational organization. <http://www.sercal.org/links-conference-timeline/>

ITEP Conference: National Tribal Forum on Air Quality (NTF)

May 14-17, Carlton, MN. This conference provides environmental professionals from tribes, EPA, and other organizations an opportunity to meet and discuss current policies, regulatory initiatives, and technical topics in air quality. Made possible by funding from the U.S. EPA and generous sponsors.

http://www7.nau.edu/itep/main/Conferences/confr_ntf

Training: Adaptation: Planning & Tools (ALC3916)

May 14-18, Shepherdstown, WV. Offered by the National Conservation Training Center. This five day class will provide participants skills and tools needed to demystify climate adaptation for application to on-the ground conservation. <https://training.fws.gov/>

Webinar (2 of 2): NIH: Zika Champions in Indian Country: Spotlight on Three Zika Projects Funded by the National Indian Health Board

May 18, 1:00-2:00 p.m. (ET). Offered by the National Indian Health Board. This webinar highlights the three Tribes and their projects' successes, challenges, best practices, lessons learned, and ways that this work may be continued beyond the NIH funding. Project activities include implementing an education campaign and engaging in vector control activities such as: holding partner meetings, participating in community health fairs, creating educational documents, identifying homes at high risk for mosquito activity, writing newsletter articles, providing Zika training to department leads, and distributing Zika kits.

<http://campaign.r20.constantcontact.com/render?m=1110714960954&ca=127a37ab-c48d-42d6-b788-d469a2cce9cc>

Webinar (2 of 2): Tribes and Water Quality and Quantity

May 23, 11:00 a.m. (CT). Offered by the Universities Council on Water Resources. Emerging Voices of Tribal Perspectives in Water Resources. Webinar #2 will feature two papers on tribes and water quality and quantity. First, Otakuye Conroy-Ben will discuss her paper “Disparities in Water Quality in Indian Country.” Crystal Tulley-Cordova will follow with a talk on “Navajo Nation, USA, Precipitation Variability from 2002 to 2015.” Register at

<http://www.ucowr.org>

Conference: 17th Annual “To Bridge a Gap” Meeting

May 21-25, Tulsa, OK. Offered by the Muscogee Nation & USDA Forest Service. Registration and hotel information coming soon. Contact Lexie Rue-Harris at 479-414-8576 with more questions.

Conference: The Fire Continuum Conference: Preparing for the Future of Wildland Fire

May 21-24, Missoula, MT. Offered by the Association for Fire Ecology & International Association of Wildland Fire.

This conference is designed around these fire management continuums.
<http://firecontinuumconference.org/>

Summit: 2018 National Tribal Public Health Summit

May 21-24, Prior Lake, MN. Offered by the National Indian Health Board. The National Tribal Public Health Summit is a premier Indian public health event that attracts over 500 Tribal public health professionals, elected leaders, advocates, researchers, and community-based service providers. This year's conference theme, "Balance, Harmony, Culture, Health", will provide evidence-based, best, wise, or promising practices developed in and for American Indian and Alaska Native (AI/AN) communities. <http://www.cvent.com/events/2018-national-tribal-public-health-summit/event-summary-aa505ecade034327994093068dd43bc1.aspx>

June

Conference: National Congress of American Indians

June 3-6, Kansas City, MO. The purpose of the Large Land Base Tribal Nations Task Force is to strengthen the ability of NCAI to advocate for the unique issues of the large land base tribes and to foster unity and cooperation among all tribes to preserve tribal sovereignty, lands, culture, and quality of life for all.
<http://www.ncai.org/events/2018/06/03/2018-mid-year-conference-marketplace>

ITEP Training: Climate Change Adaptation Planning

June 5-7, Glennallen, AK. ITEP is excited to be collaborating with *Copper River Native Association* on an **Introduction to Climate Change Adaptation Planning** course. This course provides an overview to planning for climate change impacts, highlighting the work of several tribes. The course is intended for tribal environmental and natural resource professionals who expect to be involved in climate change adaptation planning. Since the course will focus on climate change impacts and planning in a specific region, we especially encourage people from that region to attend. There is no registration fee for this course. If interested in applying for this course, please fill out the online application form at <http://www7.nau.edu/itep/main/tcc/Training/Trainings>

Conference: Innovating The Future of Water

June 11-14, Las Vegas, NV. ACE18 is set to inspire and connect the water sector with innovative solutions and new insights to help solve our global water challenges. This year AWWA is co-partnering with the California/Nevada Section to produce an outstanding conference. Don't miss your chance to soak up the knowledge of hundreds of water industry thought leaders providing guidance on the future of our water.
<https://www.awwa.org/conferences-education/conferences/annual-conference.aspx>

Symposium: Adapting in the Face of Disruptive Landscape Change

June 20-21, Sacramento, CA. The 2018 California Water Boards Science Symposium is hosted by the Surface Water Ambient Monitoring Program. This annual event that aims to enhance how we use water quality monitoring to generate meaningful data that informs water quality management decisions. This year's symposium will revolve around the theme of **adapting in the face of disruptive landscape change**. California landscapes are changing in response to long-term drivers such as climate change, population growth, and land use change. They are also changing on rapid timescales due to fires, droughts, and floods. <https://www.eventbrite.com/e/2018-california-water-boards-science-symposium-adapting-in-the-face-of-disruptive-landscape-change-registration-42642317319?aff=es2>

Conference: Protecting Mother Earth Begins With Us

June 20-22, Flagstaff, AZ. Offered by the Navajo Nation Environmental Protection Agency. For more information contact Edith Snyder edithsnyder@navajo-nsn.gov or visit <http://www.navajonationepa.org>

Conference: Protecting Mother Earth Conference

June 28-July 1, Nisqually Territories, Between Olympia and Tacoma, Washington. An international gathering on how Indigenous Knowledge can foster climate justice through exploring environmental health, the harms of extreme energy projects, finding solutions through clean renewable energy and how to uphold the territorial integrity of Mother Earth. <http://www.ieneearth.org/pme2018/>

August

ITEP Conference: 8th Annual Tribal Lands and Environment Forum

August 13-16, Spokane, WA. This year's Forum will feature special trainings, field trips, and breakout sessions focused on our conference theme: A National Conversation on Tribal Land and Water Resources. Topics highlighted at the forum include solid/hazardous waste management, brownfields, UST/LUSTs, Superfund sites, and emergency response. Tribal water program topics – water quality, drinking water, and habitat restoration

(including wetlands, streams and fisheries) will also be included with breakout sessions, trainings and field trips.
http://www7.nau.edu/itep/main/Conferences/confr_tlef

Conference: National Conference on Ecosystem Restoration

August 26-30, New Orleans, LA. The purpose of **NCER** is to provide an interactive forum for physical, biological and social scientists, engineers, resource managers, planners and policy makers to share their experiences and research results concerning large-scale ecosystem restoration on both national and international levels.
<http://conference.ifas.ufl.edu/ncer2018/index.html>

Conference: California Adaptation Forum

August 27-29, Sacramento, CA. The biennial California Adaptation Forum gathers the adaptation community to foster knowledge exchange, innovation, and mutual support to create resilient communities throughout the state. The Forum offers a series of engaging plenaries, sessions, networking opportunities, workshops, and tours to support our transition from adaptation awareness and planning to action. <http://www.californiaadaptationforum.org/>

September

Conference: Our Estuary at an Intersection

September 10-12, Sacramento, CA. The Biennial Bay-Delta Science Conference is a forum for presenting technical analyses and results relevant to the Delta Science Program's mission to provide the best possible, unbiased, science-based information for water and environmental decision-making in the Bay-Delta system. The goal of the conference is to offer new information and syntheses to the broad community of scientists, engineers, resource managers, and stakeholders working on Bay-Delta issues. <http://scienceconf2018.deltacouncil.ca.gov/>

Summit: Global Climate Action Summit

September 12-14, San Francisco, CA. The 2018 Summit will bring people together from around the world to showcase climate action and inspire deeper commitments from nation governments, and each other, in support of the Paris Agreement. <https://globalclimateactionsummit.org/>

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