



Institute for Tribal Environmental Professionals



Tribes & Climate Change Newsletter

August/September 2020

Welcome to our monthly newsletter which provides news items, resources, announcements about funding opportunities, conferences, and training, and other information relevant to tribal climate change issues.



Meet the Climate Change Team

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It's been a over a month since we sent out our last newsletter. You may have heard we were working on a rather small event and the preparation leading up to it was hectic. In the end, our inaugural National Tribal & Indigenous Climate Conference (NTICC) was a success. The conference had over 2,400 registrants from across the country, representatives from over 200 tribal/Indigenous nations and 30 countries. Not only did we have attendees from across the globe, the conference featured amazing plenary speakers and presenters from New Zealand, Kenya, China, Belize and First Nations, Canada. The conference also had an amazing presence of knowledge holders of all ages including youth. Our youngest plenary speakers were 10 and 4 years young.

This being a virtual conference was a challenging task in itself, not only for ITEP staff but for many of our presenters and attendees. First because we not done it before and second our chosen platform for the event was relatively new, for us and very new for most of our attendees. Growing up I had learned from my elders that communication through the airwaves was left to the Holy People, the wind, the sky and other elements. It was and still is a sacred form of communication that we, as humans, do not fully comprehend. Technology, as we know it today, is often seen as an intrusion to that sacred relationship between the natural elements and the medicine people. Covid-19 has changed the course of how we communicate as we have and are experiencing through what seems like endless Zoom meetings. I have often thought about the long term consequences of relating important cultural information through computers and phones. I don't have the answer but I do have hope we will all maintain the connection that in-person interactions have to offer.

Communication for tribes/Indigenous communities are conducted in the oral tradition. Knowledge is passed onto the next generations through visual and oral teachings. The western world has been calling this practice "experiential learning" but tribal/Indigenous people have been doing this since time immemorial and still are.

In the last month, many people have been harvesting their crops including corn, squash, melons and many other traditional foods. In the time of Covid, people all over the world have been relearning how to plant, maintain and harvest their gardens. For tribes/Indigenous people, it was business as usual but it seemed even more

meaningful and important considering the fear of stores running out of food, schools being shut down causing some of our children to go hungry. I do not know the pain of hunger as some of our unsheltered relatives do or don't have the means to maintain a steady meal for their families. I've been hungry a few times in my life but those came in high school when I stayed in the dormitory and the combination of the cafeteria being closed and growing pains left me wishing for more food. Then in the early college years I was often hungry because I spent my paychecks on rent, vehicle, tuition, and I would send money to my mom. I often ate unused foods leftover from river trips and I found myself eating tofu, rice and beans with a bit of hot sauce.

This past weekend, my children along with their grandmother made the traditional Navajo kneel-down bread. It's basically fresh corn grinded and then put into wet corn husks and then baked in the oven or outdoors. No sweeteners added. It's so good with coffee, tea or as a quick snack. People even dry the bread and make it last through the winter. This simple but very tasty meal has a long history with the Navajo people and I'm glad my children will carry that tradition on. My mother teaching my children was beautiful to hear and watch. The same memories I remember making with my family is something I cherish.

This Navajo girl never imagined she would have the privilege of going to the store for food or other goods whenever she wanted or needed to. Growing up food was not scarce but there was few variety. I grew up on sheep, goats, cattle, corn, squash and melons my family raised. In addition, our meals were supplemented with commodity foods such as canned beef, pork, cheese and powdered eggs. And you can't forget the delicacy that stayed with me to this day, Spam wrapped with homemade tortilla bread. This was my favorite lunch when I went sheep/goat herding all day.

Life may be a little or a lot different for most of us but the simple act of communicating or sharing food can mean all the difference to that someone. Lending a kind word, an act of kindness or sharing your favorite recipe can provide some healing for those in pain. I challenge you to offer kindness or some food to someone you know or may not know. We all need kindness, a smile or funny story especially these days.

Sincerely, Nikki Cooley on behalf of [The Climate Team](#)

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In The News

[After Moving to New Village, Mertarivik Residents Say They Are Healthier](#)

It's been almost a year since a third of Newtok's residents moved away from their eroding village. Nine miles away in Mertarvik, they've gained more than just stable ground. Many say they are healthier, and living a more traditional Yup'ik lifestyle. © 2020 KYUK, 7/27/20.

[California Teaming up with Native American Tribes to Prevent Wildfires](#)

For more than a century, California's Native American tribes were largely banned from doing traditional burning of the landscape. Now, they're restoring that practice to help prevent fires. © National Public Radio, 08/13/20.

[A Celebration of Indian Resilience: New Documentary on Indigenous Food Sovereignty Now Available on iTunes](#)

Gather is an intimate portrait of the growing movement among Native Americans in the aftermath of centuries of genocide to ensure the health, strength and future of Native communities. The film is the result of a three-year collaboration between First Nations Development Institute (First Nations) and award-winning director Sanjay Rawal. Hawaiian actor and activist Jason Momoa and production partner, Brian Mendoza, are executive producers. © Indian Country Today, 08/15/20.

[The Art of Fire: Reviving the Indigenous Craft of Cultural Burning](#)

Indigenous Peoples have managed their lands with fire since time immemorial. But colonizers criminalized the practice, leading to a loss of culture and an increase in the risk of wildfires. Now, a small but mighty group of people is revitalizing the craft. © The Narwhal, 08/20/20.

[Standing Rock Developing Wind Farm Near Fort Yates](#)

The Standing Rock Sioux Tribe is developing a wind farm, the first of its kind on an Indian reservation in North Dakota. About 60 turbines are slated to dot the Porcupine Hills, a badlands-esque part of Sioux County between Fort Yates and Porcupine. © The Bismarck Tribune, 08/24/20.

[Native Defenders Are Trying to Protect the Arctic Refuge – And Their Way of Life](#)

For more than three decades, the Gwich'in Native community has helped to fight off repeated attempts by Republican administrators and fossil fuel companies to drill for oil and gas in the Arctic National Wildlife Refuge in Alaska, the largest remaining stretch of wilderness in the United States. © Yale Environment 360, 09/03/20.

[As The Arctic Thaws, Indigenous Alaskans Demand a Voice in Climate Change Research](#)

Many NNA projects ignore Indigenous Alaskans or include them as an afterthought, a coalition asserted in a letter sent to NSF this spring. "We continue to lack meaningful access and voice in the vast landscape that is the 'research process,'" wrote Kawerak, Inc., a consortium of 20 tribes in the Bering Strait region, and three other organizations representing dozens of Indigenous communities. © Science, 09/05/20.

[Tribal Nations Face Continued Voter Suppression](#)

In response to the COVID-19 pandemic, South Dakota encouraged voters to use absentee ballots in the June 3 presidential primary election. Although the state received almost 89,000 absentee ballots in the primaries – five times the number of absentee ballots cast in the June 2016 primaries – and voting increased across the state, voter turnout on the Pine Ridge Reservation remained low, at approximately 10%. © High Country News, 09/14/20.

[Tribal and Environmental Groups Sue Trump Administration Over Methane Emissions Rollbacks](#)

Earthjustice, on behalf of Clean Air Council, Fort Berthold Protectors of Water and Earth Rights (POWER), and Sierra Club, filed lawsuits challenging the Environmental Protection Agency's (EPA) final rules on methane emissions standards. © Earthjustice, 09/15/20.

[Decolonizing Environmentalism](#)

"Whenever you talk about race relations here in so-called 'America,'

Indigenous communities are always the last ones on the rung," says Wanbli Wiyaa Ka'win (Eagle Feather Woman), also known as Joye Braun, a front-line community organizer with the Indigenous Environmental Network who fought against the Keystone XL and Dakota Access pipelines. © Yes, 09/15/20.

[Quannah Chasinghorse is Fighting to Save the Arctic National Wildlife Refuge](#)

The 18-year old is trying to defend her tribe's sacred lands and way of life, despite new threats from the Trump administration. © 1999-2020 Grist Magazine, Inc., 09/22/20.

[Karuk Scientist Talks to NPR About How Indigenous Burning Methods Could Help Prevent Massive Wildfires](#)

Today's episode of the National Public Radio program "Science Friday" with host Ira Plato features an interview with Bill Tripp, director of natural resources and environmental policy for the Karuk Tribe.

© Lost Coast Outpost, 09/25/20.

[CASC Climate, Tribal & Partnership Work Recognized by the 2020 Climate Adaptation Leadership Awards](#)

The Northeast and Southeast CASC Tribal Liaison and a Northwest CASC-funded project were among those honored by the 2020 Climate Adaptation Leadership Awards Given by the [Association of Fish and Wildlife Agencies](#). © US Department of Interior, 09/25/20.

['Make Noise.' Yurok Tribe Water Analyst Discusses PacifiCorp's New Stance On Klamath Dam Removal](#)

The day after Congress passed a bill that included potential consequences to PacifiCorp if it reneged on an agreement to remove four Klamath River dams, the Yurok Tribe's senior water policy analyst urged people to "make noise in anyway that you can." © Wild Rivers Outpost, 09/28/20.

Resources

Indigenous Food Sovereignty in the Arctic

Dr. Dalee Sambo Dorough (Inupiat) is the International Chair of the Inuit Circumpolar Council. Carolina Behe is the Indigenous Knowledge and Science Advisor for the Inuit Circumpolar Council Alaska. Cultural Survival Indigenous Rights Radio Producer, Shaldon Ferries (KhoiSan), recently spoke with Behe and Dorough. To listen to the interview, click [here](#).

An Introduction to Remote Sensing for Tribal Lands

NASA's Indigenous Peoples Capacity Building initiative invites you to the introduction to Remote Sensing on Indigenous Lands course. This course will consist of four modules and Tribal members from the region will join for each different theme to discuss the importance of remote sensing to natural and cultural resource management. For more info and to register, [click here](#).

Climate Displacement & Anti-Displacement Strategies

The National Adaptation Forum is offering the Climate Displacement Forum as a 5-part webinar series that will take an interconnected look at climate displacement pressures along with approaches to prevent displacement or adapt by exploring migration, current managed retreat and relocation strategies, equity implications, and policy considerations. Webinars are from Oct 15th- Nov 5th. For more information and to register, click [here](#).

Northeast Climate Adaptation Science Center (NE CASC) Fall 2020 Webinar Series

This fall, Northeast CASC supported researchers will present on their research on topics ranging from lake ice melt to forest conservation priorities. For more information and dates for the webinars, click [here](#).

New Webinar Series: North Central Climate Adaptation Science Center (NC CASC) The series will feature topics of critical importance to natural resource managers and other stakeholders within the North Central CASC region. Webinars will be held bi-monthly on the second Thursday of the month from 11 am-12 pm MT, through the end of 2020. [Click here](#) to learn more.

Report: 2020 Climate Change Consortium for Specialty Crops – Southern California Region

Over the last few months, the Climate Science Alliance in partnership with the CA Department of Food and Agriculture have been working hard to connect with regional producers, technical advisors, and researchers to better understand the climate impacts and challenges in the region and how best to support producers in building their resilience. This report represents a reflection of the feedback and recommendations we heard from producers across Southern California. To read the full report, [click here](#).

Report: United Nations Special Rapporteur about Covid-19 & Indigenous Peoples The Special Rapporteur on the rights of indigenous peoples, José Francisco Calí Tzay, focuses on the impact of the coronavirus disease on the individual and collective rights of indigenous peoples, including increased health risks, as well as the sources of resilience of indigenous peoples, State and indigenous responses to the pandemic and the adverse and disproportionate impact of confinement and emergency measures observed on indigenous peoples. To review the

full report, [click here](#).

Solving the Climate Crisis: The Congressional Action Plan for a Clean Energy Economy and a Healthy, Resilient, and Just America Report With the devastating consequences of climate change growing at home and abroad, the United States must harness the technological innovation of the moonshot, the creativity of our entrepreneurs, the strength of our workers, and the moral force of a nation endeavoring to establish justice for all. This report calls on Congress to build a clean energy economy that values workers, centers environmental justice, and is prepared to meet the challenges of the climate crisis. [Click here to review](#) the report.

New Web Tool Compares Drought Indices Across the U.S. Researchers from Earth Lab at the University of Colorado Boulder partnered with the North Central Climate Adaptation Science Center (CASC) to release the Drought Index Portal (DrIP), a web analytic resource to display, compare, and extract time series for various indicators of drought in the contiguous U.S. To learn more about this resource, [click here](#).

Western Water Assessment's Intermountain Climate Dashboard Provides situational awareness of climate, drought, and water resources for Utah, Wyoming, Colorado, Arizona, and New Mexico as part of the NIDIS Intermountain West Drought Early Warning System (DEWS). [Click here](#) to interact with the dashboard.

Sea Level Rise Planning Handout for San Diego, Los Angeles, and the Central Coast California-Nevada Climate Applications Program (CNAP) and the Tijuana River National Estuarine Research Reserve developed a handout and associated powerpoint graphics to help communicate the current state of the science, and how to plan for future sea level rise and extreme events. To review the handout, [click here](#).

[How Lessons from Isle de Jean Charles Could Guide Federal Climate Migration Planning](#)

The relocation of Isle de Jean Charles' residents from their disappearing island could help the federal government develop a model for moving more people away from rising seas, stronger storms and other effects of climate change, according to an auditor's [report](#) to Congress. © 2020 NOLA.com, 7/17/20.

Other Areas of Interest

ITEP – Virgil Masayesva Native American Scholarship Fundraiser in Memoriam of ITEP's Co-Founder & Original Director This year the centerpiece of ITEP's fundraising campaign will be a virtual run/walk.

Virgil, a member of the Hopi tribe, was an avid runner, and to this day running is an integral part of many Native American communities. So, it is in this spirit that we are announcing the 2020 ITEP Virtual Run & Fundraiser. Our goal is to raise \$20,000 by the end of October. Please share this announcement with your friends and colleagues and most importantly, please consider making a direct donation to the endowment. For more information and to register, please visit our [website](#).

Mapping Southwestern Grass-fed Beef

This dynamic, web-based map helps characterize the current extent of grass-finishing in the Southwest U.S. Most calves raised on the extensive, arid pastures of the Southwest are exported to the Ogallala Aquifer region for grain finishing. An alternate option is to finish cattle on grass or forage, and the Sustainable Southwest Beef Project (a five-year project that promotes ranch and rangeland resilience in the western U.S.) is investigating the economic and environmental trade-offs associated with both of these options. [Click here](#) to explore the interactive map. For more information, contact Skye Aney (sierra25@nmsu.edu) for more information.

South Central Climate Adaptation Science Center – Free Course: Managing for a Changing Climate

The [South Central Climate Adaptation Science Center](#) is offering a free course on *Managing for a Changing Climate: Climate Models, Downscaling, and Assessments*. In this three week long course, you will learn the basics of climate modeling and climate assessments, including how global climate models work, why and how to do downscaling, and an overview of key assessment reports. The course starts October 5th and runs for four weeks. For more information and to register, [click here](#).
Registration deadline: October 5, 2020

Desert Laboratory on Tumamoc Hill: Past, Present, and Future of the Santa Cruz River Heritage Reach

The Santa Cruz River was the life blood of the earliest human settlements in Tucson (Chukshon, O'odham, Spring at the Base of Black Mountain) but today has been downcut, drained, channelized, cemented, and ignored. Yet, innovative thinking and actions are working to reverse this trend and revitalize the Santa Cruz river where it once flowed perennially at the base of Tumamoc Hill, reinvigorating a lush ecosystem, the local watershed, and sense of place. This four-part lecture series will explore how the river has coursed through the history of people in this region and how it can continue to do so into the future. For more information and to register, [click here](#).

Call for Papers: COVID-19 Impacts on Forests

The Frontiers in Forests and Global Change has opened a call for papers that incorporate a wide range of observational, experimental and special modeling studies that address key aspects of the impact of the COVID-19 pandemic on forests. Authors are invited to submit original papers, reviews/mini-surveys, methodologies and opinion articles that relate to this topic. For more info, [click here](#).
Submission deadline: October 30, 2020

The International Summer Program on Indigenous Peoples' Rights and Policy at Columbia University

Columbia University's ISHR and Center for the Study of Ethnicity and Race are glad to inform you that they are now accepting applications for the 2021 International Summer Program on Indigenous Peoples' Rights and Policy (ISSP). For more information about the program and to apply, [click here](#). For questions, please contact Columbia.indigenous@gmail.com. **Application deadline: October 31, 2020**

Center for Disease Control Heat and Health Tracker

CDC has released a first-of-its-kind, online tool to help emergency and public health planners prepare for and respond to extreme heat events. The Heat & Health Tracker provides timely, user-friendly, local-level heat and health data and information that can be used to inform decisions and public health actions, describe and locate vulnerable populations, and determine resources and potential needs. The CDC Heat & Health Tracker was developed by a collaboration between the CDC Climate and Health Program, which empowers communities to protect public health from a changing climate, and the CDC Environmental Public Health Tracking Program, which develops tools, applications, and products that utilize environmental health data for public health action. [Click here](#) to start exploring the tracker.

Podcast: [Language Keepers, Episode 1:](#)

[Colonizing California](#) - This is a six-part podcast series exploring the struggle for Indigenous language survival in California. Two centuries ago, as many as ninety languages and three hundred dialects were spoken in California; today, only half of these languages remain. Along this journey, we meet and learn from dedicated families and communities across the state who are working to revitalize their Native languages and cultures in order to pass them on to the next generation. © 2020 Emergence Magazine.

Why 12 Dene Adventurers Paddled More Than 500 KM in a Handmade Mooseskin Boat

Two years ago, a group of 12 Dene adventurers set out on a life-changing river voyage in the remote Nahanni National Park Reserve. Now, they're banking on a film about their journey changing viewers' lives, too. © 2020 CBC/Radio-Canada, 8/03/20.

A Diné River Guide's Relationship to Water

Diné river guide, Colleen Cooley grew up in Shonto, Arizona, and has always had a deep connection to the San Juan River. As one of the river's few certified Indigenous guides, she acts as an interpreter for her community, which faces immense challenges accessing water. *Water Flows Together*, from [Spruce Tone Films](#) and [American Rivers](#), explores the intersection of water resources for consumption and recreation. Video: 11min, 18 sec. © Spruce Tone Films LLC 2019.

The National Fish Passage Program (NFPF)

aims to maintain or increase fish populations in order to improve ecosystem resiliency and to provide quality fishing experiences for the American people. For more information, [click here](#). **Application deadline: October 28, 2020**

**Seminole Tribe of Florida:
Climate Resiliency Officer**

The incumbent in this position is responsible for all aspects of the Seminole Tribe of Florida's strategic response to climate change through resiliency planning as a component of the Heritage and Environment Resources Office (HERO). A community-centered approach is the cornerstone of traditional decision-making in climate resiliency planning. For more information and to apply, [click here](#). **Position is open until filled.**

Forest Climate Policy Coordinator, Oregon Wild.

The Forest Climate Policy Coordinator will be responsible for leading a new Oregon Wild campaign focused on conserving forests as a key component of federal and state efforts to combat climate change. Building off of Oregon Wild's 45-year history of forest advocacy, the person leading this campaign will identify key policy opportunities at the state and federal levels, develop strategies to pursue them, and mobilize Oregon Wild's supporters, partners, and the general public to achieve success. For more information and to apply, [click here](#). **Position is open until filled.**

Department of Environmental and Occupational Health Sciences (DEOHS): Post-Doctoral Scholar

The DEOHS at the University of Washington (UW) School of Public Health in conjunction with the UW Center for Health and Global Environment (CHaNGE) seek an outstanding Post-Doctoral Scholar to assist in a suite of climate and health projects. These projects include an effort to collect information on municipal heat action plans and activities to reduce exposure to extreme heat and an effort to assess the impact of an indigenous climate change health adaptation effort undertaken by the Swinomish Indian Tribal Community. For more information and to apply, [click here](#).

Job Announcement: PhD Student Graduate Research Assistantship in Environmental Chemistry at Michigan Technological University

The interdisciplinary Environmental Engineering PhD Program and the Civil & Environmental Engineering Department at Michigan Technological University invite applications for one PhD Student Graduate Research Assistantship in Environmental Chemistry. In this trans-disciplinary research project, together with social scientists and tribal government entities, environmental engineering investigators will provide measurements of concentrations of fatty acid nutrients and the toxics polychlorinated biphenyl (PCB) compounds and mercury in fish in inland lakes in Michigan's Upper Peninsula with a local subsistence fishing Indigenous community, the Keweenaw Bay Indian Community (KBIC). To apply please send an email statement of interest and a .pdf of your resume to Professors Judith Perlinger at jperl@mtu.edu and Noel Urban at nurban@mtu.edu.

Capacity Building Opportunity with AmeriCorps Vista The American Indian Higher Education Consortium (AIHEC) is currently seeking tribal environmental departments and inter-tribal organizations interested in adding value to efforts addressing climate change and other environmental impacts by hosting AmeriCorps VISTA volunteers who carry a range of skills including research, planning, field work, meeting facilitation, etc. Hosts will

work with AIHEC to develop a scope of work and position logistics. Interested parties should email AIHEC Tribal VISTA Programs Director, John Phillips, at jphillips@aihec.org.

The Nature Conservancy: Bristol Bay Program Director

The Bristol Bay Program Director is responsible for developing and implementing all aspects of the Alaska Chapter's collaborative strategies in Southwest Alaska. They engage a wide variety of stakeholders and partners in a comprehensive program that includes science-based protection, stewardship, conservation management, sustainable economic development and community relations work. For more information and to apply, [click here](#). **Application deadline: October 7, 2020**

Regional Conservation Partnership Program (RCPP) Conservation Projects

USDA has announced \$360 million in funding for the next round of Regional Conservation Partnership Program (RCPP) conservation projects. Projects applications are now being accepted for locally drive, public-private partnerships that improve the nation's water quality (including drinking water sources), combat drought, enhance soil health, support wildlife habitat, and protect agricultural viability. Projects are eligible to receive between \$250,000 and \$10 million in RCPP funding. For more information and to apply, [click here](#). **Deadline for applications: November 4, 2020**

NOAA Climate & Global Change (C&GC) Postdoctoral Program

UCAR's Cooperative Programs for the Advancement of Earth System Science (CPAESS) manages the NOAA Climate and Global Change Postdoctoral Program on behalf of the NOAA Climate Program Office. For more information and to apply, [click here](#).

National Conservation Training Center: Training Announcement

Natural resource and conservation professionals are tasked with understanding the impacts of a changing climate and using this knowledge in making decisions.

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. For more information and to register, [click here](#). **Registration deadline: November 12, 2020.**

Funding Opportunities



Additional Sources for More Opportunities:

1) More Funding Opportunities can be found at the Tribes & Climate Change website: <http://www7.nau.edu/itep/main/tcc/Resources/funding>.

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

3) Searchable database of all discretionary grants offered by the 26 federal grant-making agencies. www.grants.gov/applicants/find_grant_opportunities.jsp

4) Conservation Innovation Grants (USDA Natural Resources Conservation Service) <https://www.nrcs.usda.gov/wps/portal/nrcs/main/national/>

California Climate Investments Grants CA's tribal governments can receive funds to help fight climate change while addressing community needs for clean transportation, clean air, land conservation, agricultural equipment, and more. For more information, [click here](#).

Economic Development Administration - Disaster Supplemental Grants The Economic Development

Administration (EDA) announces funding for communities implementing recovery strategies to address challenges from natural disasters occurring in 2018, as well as tornadoes and floods in 2019. For more information and to apply, [click here](#). **Application deadline: rolling application process.**

Native Small Business Grant Opportunity [NCA](#) is offering business stabilization grants in the amount of \$5,000 each to a total of 28 selected Native-owned small businesses that have been severely impacted by the curtailing of commercial activity caused by the COVID-19 pandemic. For more information about this grant opportunity, eligibility criteria, and how to apply, [click here](#). **Application deadline: rolling application process.**

On-Request Technical Assistance from DOE Office of Indian Energy who provide federally recognized Indian tribes, including Alaska Native villages, tribal energy resource development organizations, and other organized tribal groups and communities, with technical assistance to advance tribal energy projects at no cost. Technical experts from DOE and its national laboratories, along with other partnering organizations, provide support to assist Indian tribes and Alaska Native villages with energy planning, housing and building energy efficiency, project development, policy and regulation, resilience, and village power. For more info, visit [click here](#).

First Nations Development Institute: Agriculture & Food Systems College Scholarships Applications are being accepted for the Native Agriculture and Food Systems Scholarship Program that aims to encourage more Native American college students to enter these fields so that they can better

assist their communities in advancing Native food sovereignty and improving overall health. For more information and to apply, [click here](#). **Deadline: October 15, 2020 by 5pm Mountain Daylight**

Request for Applications Demonstration Sites in Climate and Health Supplemental Funds for Climate and Health Activities in Local Health Departments The National Association of County and City Health Officials (NACCHO) supports local efforts to track, prevent, and mitigate the health effects of climate change. According to the NACCHO Climate Change Policy Statement, these efforts include (1) the incorporation of adaptation planning into land use, housing, and transportation design; (2) preparing communities for extreme and unusual environmental events; and (3) coordinating with local governments on all hazards disaster planning. For more information, [click here](#). **Application deadline: October 16, 2020.**

Technical Assistance to Tribes: FY 2021-Financial and technical assistance for Tribes and tribal organizations as they develop, manage, and protect their water and related resources. [Apply here](#). **Deadline: October 28, 2020**

NOAA Climate Program Office (CPO): Funding Competition-The NOAA CPO's Climate and Societal Interactions Division is launching a new Adaptational Sciences (AdSci) Program which will design and implement research investments through competitions, co-develop activities with partners, and support communities of practice around adaptation pathways. Contact Adrienne Antoine at Adrienne.antoine@noaa.gov. For more information, [click here](#). **Deadline: Aug 17, 2020. Full deadline: Nov 30, 2020.**

Upcoming Events

NOTE: Updated info on events can be found at the Tribes & Climate Change website:

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

**Due to COVID-19, many events have been either postponed or cancelled. For a full list of Tribes and Climate Change Related Gatherings, click [here](#).

October 2020

October 5-8, 2020 - [Affiliated Tribes of Northwest Indians \(ATNI\) Virtual Annual Convention](#)

ATNI Conventions are where members convene for discussion, presentations and the work of the committees in regard to policy, legislation, and the future of Indian Country in the Northwest. **Registration Deadline: October 8, 2020.**

Webinar: [Restoring Seed Relatives: Collection & Storage Techniques](#) - October 7, 12:00-1:15pm (mtn). Offered by Trees, Water & People. This webinar will feature Mervyn L. Tano and Bridget McNassar.

Webinar: [Agroforestry: Indigenous Knowledge & Central American Perspectives](#) - October 14, 12:00-1:15pm (mtn). Offered by Trees, Water & People. This webinar will feature Kate MacFarland and Valentina de Rooy.

October 7, 14, 21 and 28 - [2020 Alliances for Equity: Virtual Forum Series](#) Every Wednesday in October, the RNP will host the "Alliances for Equity" Virtual Forum series in partnership with the National Oceanic and Atmospheric Administration (NOAA). Throughout the month, more than 30 speakers from the public, private, and nonprofit sectors will come together to discuss current challenges and actionable steps toward prioritizing and building a more equitable future.

October 13, 2020: National Tribal Leadership Climate Change Summit: Virtual Sessions – Session I: Tribal Climate Change Policy Session I will focus on Tribal climate policy and climate change implications for Tribes. The Summit and virtual sessions' goal are to formulate and advance a proactive, tribally-led national climate policy agenda. To register, [click here](#).

Webinar: [Improving Lake Temperature Estimates for Midwestern Fisheries with Process-Guided Deep Learning](#) - October 21, 12:00pm (EST) Offered by the NE CASC. The webinar will provide background information on how new technique were developed, share use-cases for management decisions, and discuss future efforts to

apply Process-Guided Deep Learning (PGDL) models.

Webinar: [Community Benefits & Challenges of Tribal Greenhouse Management](#) - October 21, 12:00-1:15pm (mtn). Offered by Trees, Water & People. This webinar will feature Jeremy Pinto of the Rocky Mountain Research Station, USDA Forestry Service.

Webinar: [Native Voices in STEM](#) - October 21, 3:00-4:00pm (Pacific). Indige-FEWSS/UofA. This webinar will feature Andrew Curley, PhD, Assistant Professor at UArizona School of Geography, Development & Environment.

Webinar: [AIMing for SOS: FBIC/BLM/SER Native Seed & Grassland Restoration Program: The Tribal Nursery Program on the Fort Belknap Indian Reservation](#) - October 28, 12:00-1:15pm (mtn). Offered by Trees, Water & People. This webinar will Cristina Eisenberg and Wendy Velman.

November 2020

Virtual Training: ITEP's Intro to Climate Change Adaptation Planning (CC101) w/Southwest Focus - November 16-20. Offered by ITEP's Tribes & Climate Change Program & SW CASC. More information coming soon! Email Nikki.Cooley@nau.edu for more info.

Webinar: [Supporting Climate Action in the NE & Midwest: Forest Service Research Perspectives & Priorities](#) - November 18, 12:00pm (EST) Offered by the NE CASC. This webinar will present the station's climate science portfolio, current research priorities, and a number of promising efforts to help curb the impacts of climate change to water, land, and people.

Webinar: [Native Voices in STEM](#) - November 18, 3:00-4:00pm (Pacific). Indige-FEWSS/UofA. This webinar will feature Kim Tallbear of University of Alberta.

December 2020

Webinar: [Native Voices in STEM](#) - December 2, 3:00-4:00pm (Pacific). Indige-FEWSS/UofA. This webinar will feature Nonabah Lane, Navajo Ethno-Agriculture.

Webinar: [Variation in Nutrient Loading Among Lake Michigan Watersheds: Disentangling Land Use & Discharge Efforts](#) - December 9, 12:00pm (EST) Offered by the NE CASC. Webinar description to be available soon.

Virtual Conference - [Behavior, Energy & Climate Change Conference](#)

December 7-10. The Behavior, Energy, & Climate Change Conference (BECC) brings together social science researchers and actors in business, government, and the non-profits sector to discuss methods of taking action on climate change. For questions, contact aceeeinfo@aceee.org.

January 2021

Virtual Conference – [National Council for Science and the Environment \(NCSE\) 2021 Annual Conference](#)

January 5-8, 2021. NCSE 2021 will be a virtual conference that will explore the link between the changes in Earth's physical systems and its social institutions by engaging leaders from the sciences, education, government, policy, business, and civil society.