



Institute for Tribal Environmental Professionals



Tribes & Climate Change Newsletter

2022 January

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.



Landscape at Twilight

Meet the Climate Change Team

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Rounded red cliffs against a cloudy sky and plateaus covered with dry vegetation

Do you ever have those experiences in life that are so powerful you can feel it through your whole being? If you have not, I hope you experience that soon. I often write about my life experiences growing up on Diné bikéyah (Navajo land) and in what is now known as Flagstaff. As someone who struggled with their confidence in their younger years, I do not mind sharing my struggles and growth. In fact, I am in my forties and I am still going through growing pains and accomplishments.

My grandparents raised me for a part of my life which I am grateful for. They are the reason I am fluent in my Diné language and am disciplined in many ways. I used to joke that I am good at being told what to do and by that, I mean, I do what was asked of me by elders. Naturally, I was a good fit for CrossFit when I joined a few years back. I am naturally a team player, a people person, and an optimist. So here I am, sharing an amazing experience with you.

Most Navajo women go through a coming-of-age ceremony to mark their journey into adulthood. It is usually a four-day ceremony that consists of many activities with the main ones consisting of running before sunrise and high noon, and grinding corn. Early in the month of January, we had the privilege and honor to go through that experience with our daughter. On the first day, she dressed in her traditional Navajo clothing and jewelry and had her hair tied by my grandmother who was specifically chosen to do so. My grandmother (my father's aunt) is a kind and beautiful woman who is extremely knowledgeable about many things. She is hardworking, disciplined, and always shows up to support a new graduate, offer her world-class blue corn mush, or help butcher a cow or sheep. Her qualities make her the perfect candidate to mold our daughter into the young woman she is becoming. Before the sun rose, we ran after her as she ran to the east and back. Each day she ran further, so by the fourth morning, she ran more than two miles. Some young women run further picking up stragglers on the way back to the homestead. My grandmother spoke of her mother, who ran more than 10

miles with only one person barely making it all the way there and back. On the fourth night, we sat with her all night (most of us with masks) while the medicine person spoke wisdom to her, sang ancestral songs of beauty, strength, tradition, and discipline for her. We prayed and sang longer after she returned from her final run. It is not easy to sit up all night, but she did it. I, of course, dozed off until I felt the sharp nudge of my grandmother's hand, but I did it.

In the early evening of the third day, we had finished mixing the corn cake to put into the ground, which would bake all night. My brother, a Marine and devoted uncle, tended the fire all night. My sisters stayed up late to prepare food for the next day and got up at 5 am so they could follow our daughter on her run. It was so dark, and they had headlamps so our daughter could see her way there and back. My parents pretty much deserve all the credit because they dropped everything they were doing to see their granddaughter through the ceremony. With covid restrictions, we did not have the help we would have had, so it was a very small team making this happen.

As I listened to the songs sung to and for my daughter, I realized the young people who followed the medicine person to this ceremony ranged in age 19-24. I was so impressed with the songs they sang because most were the same ones offered to one of our main deities, Changing Woman or White Shell Woman. The confidence and finesse were on point, and I pray my daughter displays the qualities of all who came together to celebrate her journey into becoming a woman, a warrior for her people. The journey will not be easy but has it ever been for anyone? Walk and talk in beauty, my friends.

[NatGeo Show Features Navajo Family](#)

[Queen Lili'uokalani](#)

[Indigenous Resilience Center & Karletta Chief](#)

To be continued, Nikki Cooley on behalf of [The Climate Team](#)

Advisory Committee Members:

Tribal Representatives:

Jerry Cain

Mississippi Band of Choctaw Indian

Jamie Donatuto

Swinomish Indian Tribal Community

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Confederated Salish & Kootenai Tribes (CSKT)

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North Central Climate Adaptation Science
Center & Great Plains Tribal Water Alliance

April Taylor

South Central Climate Adaptation Science
Center & Chickasaw Nation

Casey Thornburgh

Northeast/Southeast Climate Adaptation
Science Center & United Southeastern Tribes

In The News

Cultural Resources Are Not A Renewable Thing For Us

Jeremy Takala, a Yakama citizen, was fishing for sockeye and summer chinook a few years ago, just downstream from the John Day Dam on the Columbia River. He was accompanied by a Yakama elder, who pointed to a high ridge towering above them covered in juniper bushes, shrubs, and grasses that plunged dramatically into the river over 2,000 feet below. © High Country News, 01/01/22

Indigenous Feminism Flows Through the Fight For Water Rights on the Rio Grande

On a late November morning, Julia Bernal walked a stretch of riverbank along the Rio Grande in Sandoval County, New Mexico, between Santa Ana and Sandia Pueblo. Bernal pointed out the area between the cottonwood trees and the edge of the Rio Grande, a 30-foot stretch of dry earth covered in an ocean of tiny pebbles intermixed with periodic sandbars, tamarisk and willow shrubs. "It never used to look like this," Bernal said. "The reason the cottonwoods look the way that they do is because of the Cochiti Dam — that hyper-channelization of the river did cause this riparian forest to just kind of (disappear) along with it." © High Country News, 01/01/22

Original Caretakers: Indigenous Groups Team Up with Conservationists to Protect Swaths of US

In 2020, an environmental nonprofit returned over a dozen acres in Oregon to the Clatsop-Nehalem Confederated Tribes. Two months later, a conservation group worked with the Esselen Tribe of Monterey county to return more than 1,000 acres in California to the tribal group. And then late last year, in one of the largest transfers of its kind, an environmental organization returned thousands of acres of wildlife rangeland in Washington state to the Colville Tribes. © The Guardian, 01/03/22

Yakama Nation Advances Food Sovereignty Efforts with Inaba Produce Farms Acquisition

As Lon Inaba and his siblings started to contemplate retiring and selling their family farm in south-central Washington, he heard a report that the Confederated Tribes and Bands

of the Yakama Nation wanted to break into the agricultural industry. The report about the tribe's interest in beginning farming and operating a packing house and cold storage facility sparked Inaba to reach out to Yakama Nation, which had adopted a plan in 2019 that called for the creation of an agricultural enterprise. © Tribal Business News, 01/03/22

Pacific Voyagers: An Ancient Tradition with a Modern Mission

This spring, two double-hulled canoes, Hokule'a and Hikianalia, will set off for what organizers are calling the Moananuiakea Voyage - a 41,000 mile, 42-month circumnavigation of the Pacific. The boats will visit 46 countries and archipelagos that are home to nearly 100 indigenous territories and 345 ports. The goal of the voyage? Education about oceanic and environmental health and the impact both have on the indigenous people of the region. © Sail, 01/03/22

Clean Energy Goes Up Against Tribal Rights and Biodiversity in Nevada

The Biden Administration is facing critical questions about how to balance the urgency of transitioning to clean energy with other progressive priorities. On Monday, a U.S. district judge halted construction of two geothermal power plants on public land in Nevada. The decision was in response to a lawsuit filed in December by the Center for Biological Diversity, an environmental nonprofit, and the Fallon Paiute-Shoshone Tribe, against the Bureau of Land Management, or BLM, for approving the project. © Grist, 01/07/22

Building Equity into the Renewable Energy Transition

This year, the coal-fired San Juan Generating Station just outside of Shiprock, New Mexico, is scheduled to shut down. When it does, it will leave behind a legacy of air and water pollution and land degradation in northwest New Mexico. It will leave hundreds out of work in the Navajo Nation's largest community. "Our region has borne the brunt of the fossil fuel industry," said Joseph F. Hernandez, the Dine energy organizer for the NAVA Education Project and Navajo Nation member who lives in Shiprock. © High Country News, 01/12/22

FAST Blackfeet Beginning 2022 with Efforts to Promote Community Food Sovereignty

The Blackfeet Food Access and Sustainability Team (FAST) is starting the year out with strong efforts to promote food sovereignty for the community. The support of the First Nations Development Institute (FNDI) has created a solid foundation for FAST Blackfeet work. FNDI grants have been critical to FAST's ability to provide food in the community during the COVID-19 pandemic. © Bioneer Press, 01/12/22

Augustine Tribe's Temalpakh Farm Market Opens in Coachella with Bird Singing, Fresh Produce

The Augustine Band of Cahuilla Indians, one of the smallest Native American tribes in the United States, formally unveiled a new produce market Tuesday, the latest addition to the tribe's roughly 50-acre, organic Temalpakh Farm in Coachella. After a ribbon-cutting ceremony and bird singing performance, customers including Williams Grimaldi, executive chef at Café La Jefa in Palm Springs, shopped the market, filling carts and reusable bags with produce. La Jefa, a coffee shop, is expanding with a sit-down restaurant come next fall, and Grimaldi has hopes to use Temalpakh Farm for about 60% of the kitchen's produce. © Desert Sun, 01/19/22

Want to Heal the Planet? Stop Ignoring Indigenous Science

In the Mayan Ich'eq community in Hopelchen, Mexico, bees are considered relatives to the people. They also serve as an important part of the economy, cultivated by the Indigenous group for hundreds of years. But the beekeepers of the Mayan Ich'eq are different from what we typically think of as apiarists. Their relationship is reciprocal - the community members feed them and take care of them, and in turn, the bees don't sting and give them honey. © Grist, 01/24/22

Resources

The Impact of COVID-19 on Food Access for Alaska Natives in 2020

The Indigenous Foods Knowledge Network has been working on the Impact of COVID-19 on Food Access in Indigenous Communities in the Arctic and U.S. Southwest: A Comparative Landscape Analysis study. This project was co-developed with a university research team (University of Arizona & University of Colorado-Boulder) and an Indigenous Research Advisory Council. To review the report, click [here](#).

Network for Landscape Conservation Survey

This survey is intended for people organizing, coordinating, or participating in a landscape conservation initiative in North America, and should take 20-30 minutes to complete. Individual responses to this survey will remain confidential, as data will be aggregated regionally and nationally for analysis. To respond to the survey, click [here](#).

2022 Adaptation Planning and Practices Courses

The NIACS team of Climate Adaptation Specialists has hosted over 50 Adaptation Planning and Practices Courses since 2013. This year, we are offering several online Adaptation Planning and Practices trainings for natural resource managers. These courses provide hands-on training in considering climate change information and identifying adaptation actions for natural resources management professionals working in natural ecosystems. Participants receive coaching and feedback while using the Adaptation Workbook to develop their own real-world climate adaptation project. To review the online courses, click [here](#).

Disaster Resiliency and Recovery Resources: A Guide for Rural Communities

United States Department of Agriculture (USDA) Deputy Under Secretary for Rural Development unveiled a resource guide as part of National Preparedness Month to help rural communities seeking disaster resiliency and recovery assistance. This guide follows the Biden-Harris Administration's announcement of the American Jobs Plan, which targets investments to support infrastructure in communities that are most physically and financially vulnerable to climate-driven disasters. The resource guide outlines USDA Rural Development (RD) programs and services that can help rural residents, businesses and communities impacted by disasters and support long-term planning and recovery efforts. To view the resource guide, click [here](#).

Domains of Refugia: A New Framework from the Connecting Wildlands & Communities Project

In conservation planning, assessing the potential for refugia largely focuses on climate change data. However, by not considering the impacts of multiple threats, our selection of refugia is limited or incorrect - potentially undermining conservation efforts. The Connecting Wildlands and Communities project researchers propose a new conceptual framework that can help us understand where shelter from multiple drivers of change can provide habitat for plants and animals to persist in our world. To review the article, click [here](#).

Traditional Learnings: Into the Field with Yurok and U.S. Forest Service Experts on Cultural Burning of Forested Lands

In the summer of 2021, Northwest CASC Tribal Climate Adaptation Liaisons and staff were invited by Northwest CASC-supported researchers from the U.S. Forest Service and the Yurok Tribe to join them on their site visits with cultural practitioners from the Cultural Fire Management Council.

On the ancestral lands of the Yurok Tribe near Weitchpec, CA, engagement of traditional practitioners, Tribal staff, and government scientists has helped to integrate the concepts of holistic forest management and system resilience. To learn more, click [here](#).

FEMA's New Independent Study Course, IS-350: Tribal Hazard Mitigation Planning Training

FEMA has recently launched a new independent self-study course, available online through the Emergency Management Institute. The course provides information on preparing and implementing a tribal hazard mitigation plan. The course is intended for tribal government officials, planners, and other partners involved in tribal hazard mitigation planning. For more information and to register, click [here](#).

Department of Interior Climate Action Plan

The Department of the Interior (DOI) is working to build a modern, resilient climate infrastructure and clean energy future, putting environmental justice at the center of its mission to create millions of good-paying union jobs, while protecting the communities, natural, and cultural resources on which we all rely. DOI joined other federal agencies in the release of its Climate Action Plan on Oct. 7, 2021, demonstrating its commitment to use science as the foundation for decisions, recognizing that the Department's approach to adaptation should evolve as science informs an understanding of climate change risks, impacts, and vulnerabilities. To explore the plan, click [here](#).

New Edition of Kūlana Noi'i Released

A groundbreaking Hawai'i Sea Grant publication that seeks to build more just and generative relationships between researchers and community members was recently updated to better reflect the nuances and complexities of community-researcher partnerships. Kūlana Noi'i was initially developed in 2017 through a partnership between university researchers and place-based stewards, providing a set of ideas, values, and behaviors that served as a resource to facilitate open conversation and clearly articulated expectations. Kūlana Noi'i version 2.0 includes an enhanced introduction with guidance on using the publication as a starting point to spark deeper conversations, as well as updates to each of the kūlana to reflect lessons learned in previous/ongoing partnerships. For more details click [here](#).

Future Projections of Precipitation for Alaska Infrastructure

The University of Alaska Fairbanks (UAF) Scenarios Network for Action and Planning (SNAP) has developed a tool to incorporate future precipitation projections into the planning and design of infrastructure. To review the tool, click [here](#).

Lifeways of the Little Colorado River

This is a new collection of stories, videos, audio clips, and art that offers a glimpse of the river's many faces. Indigenous peoples have forever lived along the Little Colorado River. It connects White Mountain Apache, Zuni, Hopi, Navajo, Paiute, Havasupai, Hualapai, and many other tribes to each other and to the Grand Canyon. It has been said that this river is like an umbilical cord that connects all of the emergence place of our Mother. Here, sheepherders, scientists, educators, farmers, artists, and activists share their personal and cultural connections to the Little Colorado River. To review these stories, click [here](#).

Job & Internship Opportunities

[The Association of Fish and Wildlife Agencies - Adaptation Program Manager](#)

The Association of Fish and Wildlife Agencies represents North America's fish and wildlife agencies to promote sound management and conservation on important fish and wildlife issues. The Adaptation Program Manager manages and coordinates the Association's climate adaptation programs; ensures climate adaptation program implementation and activities are carried out in line with the organization's objectives and goals. This position is based in Washington D.C. with the option to work from home several days a week. **Application deadline: February 10, 2022 or until filled**

[American Meteorological Society: Early Career Leadership Academy](#)

The American Meteorological Society's (AMS) Early Career Leadership Academy (ECLA) aims to build and sustain a diverse network of early career leaders in weather, water, and climate science. ECLA will bring together a select group of early career individuals—in particular, women and underrepresented minorities—for an immersion experience in leadership, such as creative problem-solving, conflict resolution, building trust, and enhancing communication skills. **Application deadline: February 11, 2022**

[Native American Youth Climate Adaptation Leadership Congress](#)

The National Conservation Training Center in Shepherdstown, West Virginia will be hosting the 8th annual Native Youth Climate Adaptation Leadership Congress, starting June 26 – June 30, 2022. The mission of the Native Youth Congress is to develop future conservation leaders with skills, knowledge, and tools and address environmental change and conservation to better serve their schools and home communities. Tribal youth groups interested in joining the Native Youth Congress should be between 3-5 students, consisting of rising high school seniors, a part of a federally recognized Native American tribe, and sophomores and juniors will be considered on a case-by-case basis. **Application deadline: February 28, 2022**

[Truman D. Picard Scholarship Announcement](#)

The Truman D. Picard Scholarship Program is dedicated to the support of Native American students pursuing a higher education in Natural Resources. Native American high school seniors, undergraduate students, and graduate students are eligible for the \$2500 scholarship. **Application deadline: March 11, 2022**

[2022 Hollings Preparation Program \(HPP\) Intern](#)

The National Oceanic and Atmospheric Administration (NOAA) seeks to support a diverse and qualified pool of students for career development opportunities in NOAA-related fields. The Hollings Preparation Program (HPP) will prepare first-year undergraduates to be competitive applicants for the full NOAA Hollings Scholarship in their sophomore year of college. Apply by sending a cover letter and resume to: hollingsprep.wcr@noaa.gov **Application deadline: March 11, 2022**

[NASA Research Announcement - Earth Science Applications: Equity and Environmental Justice](#)

The NASA Earth Science Division (ESD) solicits proposals to advance progress on equity and environmental justice (EEJ) domestically through the application of Earth science, geospatial, and socioeconomic information. With this program element, NASA is especially interested in proposals from or partnered with non-Federal domestic organizations, community-based non-profit institutions, tribal governments, local governments, and academic institutions active in addressing EEJ issues that would benefit from the insights offered by NASA Earth science information. This solicitation includes three elements: 1) Landscape analyses, 2) Community-based feasibility projects, and 3) Data integration projects that combine Earth science information and socioeconomic datasets. **Application deadline: March 18, 2022**

[Environmental Justice Video Challenge for Students](#)

EPA and its co-sponsors have launched the Environmental Justice (EJ) Video Challenge for Students to enhance communities' capacity to address environmental inequities. In Phase 1, students will submit a video that demonstrates innovative approaches to identify and characterize an EJ issue(s) in a community using data and publicly available tools. Challenge participants will have a chance to win up to \$20,000, as well as other additional benefits. **Submission deadline: April 1, 2022**

[Part-time Opening for Native American Multimedia Mentor](#)

Elderberry Wisdom Farm is recruiting a part-time Multimedia Mentor. Our Native American nonprofit, located in Salem, Oregon, is partnering with UW's Indigenous Wellness Research Institute to develop Chemawa Journey of Transformation. The individual will be trained in documentary film production, mentoring, and health and wellness resilience skill development. He/She will then mentor participating students and assist our team to film stories featuring members of the Chemawa Student Council. **Application deadline: open until filled**

[The Institute of Arctic and Alpine Research \(INSTAAR\) - PostDoctoral Associate](#)

INSTAAR at the University of Colorado-Boulder is seeking a highly qualified postdoctoral fellow to assess climate change impacts on the bioenergetics and vulnerability of fish species in Alaskan and Yukon rivers. The successful candidate will join the Arctic Rivers Project, guided by an Indigenous Advisory Council, that aims to co-produce knowledge of the impacts of climate change on rivers, fish, and communities. The post-doc will conduct research into how changes in streamflow and river temperatures determine fish physiology and behavior. This is a one-year, full-time position with the possibility for extension depending on progress and availability of funds. **Application deadline: open until filled**

[Salish Kootenai College \(SKC\) TREES Internship, BIA Pathways](#)

SKC's TREES program provides coordination and management of Pathways internships and professional development opportunities for Native American students in both forestry and wildland fire participation. Internships include paid employment, while they continue their education and gives them valuable and unique work experiences. This allows Native American students to get real-world training, federal experience, as well as \$5,000 in annual tuition assistance. **Application deadline: open until filled**

[Planner/Cultural Plants Coordinator](#)

Navajo Fish and Wildlife is hiring one (1) Planner/Cultural Plants Coordinator to assist with developing the community outreach and traditional uses of plants component of the DNPP. The Cultural Plants Coordinator will be based out of Window Rock and will work closely with the NNHP Forester and Botanist. Essential responsibilities and functions include chapter outreach, community engagement, and developing a network of traditional plant practitioners. Contact Jesse Mike (jmike@nndfw.org) or Nora Talkington (ntalkington@nndfw.org) for more information. **Application deadline: open until filled**

[Assistant Professor of Indigenous Forestry](#)

The School of Forestry at Northern Arizona University invites applications for a 9-month, tenure-track appointment (40% teaching and student-related activities, 50% scholarship and research, and 10% service). We seek an applicant with expertise in Indigenous forestry (Native American, First Nations, or other Indigenous communities), broadly defined, whose interests will support, build, and complement the School of Forestry's and NAU's programs in these and related areas. Review of applications will begin on January 22, 2022. **Application deadline: open until filled or closed**

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 University 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/>

Emergency Coastal Resilience Fund Request for Proposal

The National Fish and Wildlife Foundation (NFWF), in coordination with the National Oceanic and Atmospheric Administration (NOAA), announces the 2021 Emergency Coastal Resilience Fund (ECRF) to support projects that increase the resilience of coastal communities impacted by hurricanes and wildfires in 2020 and 2021. The fund supports conservation projects that create and restore natural systems to help protect coastal communities from the impacts of coastal storms, floods, sea-level rise, inundation, coastal erosion, wildfires and associated landslides/debris flows, and enable communities to recover more quickly from these events, all while improving habitats for fish and wildlife species.

Application deadline: February 3, 2022

The Keeling Curve Prize

The Global Warming Mitigation Project is looking for active participants with a

proven track record of reducing, avoiding, or eliminating greenhouse gases from the atmosphere. Solutions are awarded across five categories including: Carbon Sinks (Natural & Engineered), Energy, Finance, Social & Cultural Pathways, and Transport & Mobility. \$25,000 are awarded to projects within each category annually. **Application deadline: February 10, 2022**

Federally Recognized Tribes Extension Program (FRTEP)

The purpose of this program is to establish an Extension presence and support Extension outreach on Federally Recognized Indian Reservations and Tribal jurisdictions of Federally-Recognized Tribes. This program seeks to continue the Land Grants mission of inclusion - providing education and research-based knowledge to those who might not otherwise receive it. **Application deadline: February 25, 2022**

Inclusive Energy Innovation Prize

This prize fits into President Biden's Justice40 Initiative, which aims to deliver 40% of climate investment benefits to disadvantaged communities and inform equitable research, development, and deployment within DOE. Through the Inclusive Energy Innovation Prize, DOE aims to fund organizations for ongoing and/or proposed activities related to climate and clean energy that support, build trust, and strengthen relationships and partnerships with disadvantaged communities. Specifically, this prize seeks to enable and enhance business and technology incubation, acceleration, and other community-based and university-based entrepreneurship and innovation in climate and clean energy technologies. Up to 10 organizations will share a total prize pool of up to \$2.5 million. **Application deadline: February 25, 2022**

NASA: Earth Science Applications in Equity & Environmental Justice

Proposals are being solicited to advance progress on equity and environmental justice domestically through the application of Earth science, geospatial, and socioeconomic information. With this program element, NASA is especially interested in proposals from or partnered with non-federal domestic organizations, community-based non-profit

institutions, Tribal governments, local governments, and academic institutions active in addressing EEJ issues that would benefit from the insights offered by NASA Earth science information. Please send questions to Amber McCullum at amberjean.mccullum@nasa.gov. **Application deadline: March 18, 2022**

USDA: Rural Energy for America Program Renewable Energy Systems & Energy Efficiency Improvement Guaranteed Loans and Grants

The program provides guaranteed loan financing and grant funding to agricultural producers and rural small businesses for renewable energy systems or to make energy efficiency improvements. Agricultural producers may also apply for new energy efficient equipment and new system loans for agricultural production and processing. Applications can be for grants of \$20,000 or less, or a loan/grant combination of \$20,000 or less. **Application deadline: March 31, 2022**

Regional Conservation Partnership Program (RCPP)

\$225 million is available nationally for projects that address natural resource issues on agricultural land. This year's funding includes updates that encourage projects to address climate change, benefit historically underserved farmers, and support urban agriculture. **Application deadline: April 13, 2022**

Energy Transitions Initiative Partnership Project (ETIPP)

ETIPP is accepting applications through April 15 and has an informational webinar on Feb 16. Competitively selected communities receive technical assistance from the ETIPP network, working collaboratively with DOE and national laboratories and regional partner organizations on strategic energy planning and analysis to investigate solutions that address their specific challenges and goals. Spark Northwest is available to support rural communities and tribal governments with their applications. **Application deadline: April 16, 2022**

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>

February 2022

Virtual Conference: February 3-5 **[Integrative Conservation](#)** **[Conference \(ICC\)](#)**

ICC 2022 will focus on decolonizing conservation research and practice. This year's event will feature a keynote address by Dr. Sherry Pictou, a panel discussion with leading decolonization scholars and practitioners, and research presentations from more than 50 scholars from around the world.

Storytelling: February 8 **[Ininaatig Dibaajimowinan:](#)** **[Storytelling- Sugar Maple](#)**

Community members come together from across sugar maple territory to talk about our relationship with ininaatig (the maple tree). A panel of elders, harvesters, and resource managers will share stories, experiences, concerns, and items of importance for the next generation to care for ininaatig.

Webinar: February 9, 1-2pm **Eastern**

[National Listening Session:](#) **[Drought Prediction and Water](#)** **[Availability](#)**

This webinar will introduce the upcoming end user listening sessions and provide a short overview of the U.S. Geological Survey's (USGS) Drought Program and efforts to characterize hydrological (e.g., streamflow and groundwater) drought variability, drivers, and trends over the past century.

Webinar: February 16, 3:30-5pm **Pacific**

[Beyond the Land Ethic: Traditional](#) **[Ecological Knowledge and Forest](#)** **[Management and Conservation](#)**

Dr. Eisenberg will share her personal journey and lessons learned as a Native American woman in science, from her early academic work with mentor Nina Leopold Bradley, to her work with Indigenous people globally as Chief Scientist at Earthwatch Institute, to the work she is doing today in North America, building respectful collaboration between Tribal Nations and US and Canadian federal governments to restore degraded ecosystems and empower Indigenous communities.

March 2022

Webinar: March 9, 3:30-5pm **Pacific**

[Pyrocultural Forestry: Connecting](#) **[People and Nature Through Fire](#)**

The burning practices of the indigenous peoples of southern Oregon and northern California meet natural ignitions to maintain some of the most resilient and biodiverse forests in North America. Colonialism is largely to blame for the cessation of anthropogenic fire in North America. As a response to the wildfire problem that we all face today, prescribed fire offers the direct benefit of wildfire hazard mitigation, as well as opportunities for people from all walks of life to connect with nature and how it is affected by different kinds of fire.

Conference: March 22-23 **[Accelerating Solutions for a](#)** **[Resilient Coast Conference](#)**

Participants will build understanding on how regions, states, and tribes are bringing together diverse stakeholders to accelerate solutions that create and leverage results for the coast, helping communities, ecosystems, and economies be more resilient to climate change.

Symposium: March 29-31, Gulf **Shores, Alabama**

[Southeast Climate Adaptation](#) **[Science Center Regional Science](#)** **[Symposium](#)**

This event is intended for researchers working in the southeastern U.S. on climate impacts and adaptation for fish, wildlife, habitat, and cultural resources.

Summit: March 29-31, Anchorage, **Alaska**

[Arctic Rivers Summit](#)

The Summit will be an in-person workshop to discuss the current and potential future states of Alaskan and Yukon rivers and fish and how we can adapt. It will bring together up to 150 Tribal and First Nation leaders, community members, managers, and knowledge holders, academic, Indigenous, federal, state, and provincial researchers, non-governmental organizations, and others.

April 2022

Conference: April 26-28

[Salish Sea Ecosystem Conference:](#) **[Honoring our Ancestors - Visions](#)** **[for Future Generations and the](#)** **[Salish Sea](#)**

The Salish Sea Ecosystem Conference has become the premier scientific research and policy gathering in the Pacific Northwest, attracting over 2400 participants virtually in 2020. The goal of the Conference is to provide a platform to build shared policies, practices, and science necessary to guide future actions for protecting and restoring the Salish Sea and its watersheds.

May 2022

Conference: May 2-5, Tulsa, OK **[22nd National Tribal Forum on Air](#)** **[Quality \(NTFAQ\)](#)**

Hosted by the Muscogee Nation, a national conversation on how Tribes are implementing the Clean Air Act in partnership with the US EPA to improve air quality for our communities. NTFAQ is a cooperative endeavor co-sponsored by the Institute for Tribal Environmental Professionals (ITEP) and the National Tribal Air Association (NTAA) with funding made available by the US EPA and the generous donations of sponsors.

Conference: May 16-18 Pala, CA **[Southwestern Tribal Climate](#)** **[Change Summit](#)**

The 2022 Southwestern Tribal Climate Change Summit will continue to build off of momentum gathered from the inaugural event in 2017 in San Diego, CA followed by the 2019 event in Idyllwild, CA.

June 2022

Training: June 26-30, **Shepherdstown, WV** **[Native Youth Climate Adaptation](#)** **[Leadership Congress \(NYCALC\)](#)**

NYCALC is a federal and non-governmental collaborative that invites native communities to work together to address conservation challenges in a changing environment. NYCALC provides training in leadership principles, STEM, conservation, and outdoor skills for the next generation of native leaders and their communities.