



Institute for Tribal Environmental Professionals



Tribes & Climate Change Newsletter

2022 August

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.



Photo credit: Kelsey Jensen

Meet the Climate Change Team

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Photo Credit: Kelsey Jensen

To say that it's been a hectic few months and weeks would be an understatement. Do you feel that way? Perhaps you always feel this way, but I felt the last couple weeks had a lot going on. To the point where my personal health has become an issue and for the first time, I had to cancel a few things on my calendar. It did not feel good to say no but I did breathe a sigh of relief afterwards. As much as I have encouraged self-care, I have not always been the best at taking my own advice. I am one of those people who thinks she can have 22 hens, juggle multiple projects and responsibilities while caring for her extended family. Until recently, it was working out but then I was hit hard with reality of potential burnout. So being the sensible person that I am, I quickly moved to remedy that before it started to affect my family. I am happy with that decision because my physical, mental and spiritual health comes first. This is something that we emphasize in our conversations during our virtual and in-person gatherings when we talk about the impacts of climate change. Our gatherings have started to emphasize the significance of caring for our communities and ourselves. But how many of us follow through? How many of us leave ourselves first because we think and put others before us?

Last week, we were blessed with the opportunity to host our first in-person National Tribal and Indigenous Climate Conference (NTICC) in St. Paul, Minnesota. Approximately 700 people registered and we got to meet around half of you in-person. We

absolutely enjoyed seeing friends, family and making new connections. As a self-professed introvert, I was happy to talk to so many of you and to hear the amazing work happening. We were also so happy that the virtual option worked for many of you. My heart is still full remembering the smiles, happy conversations and inspirational work. In addition, in the early mornings we were guided on early morning runs/walks by our in-law, Michael, who represented a partnership from Renew Earth Running, Native Women Running and Arcteryx to sponsor the conference's "Movement as Medicine". As someone who does not run regularly or ever but does work out consistently, I ran over two miles one morning. It probably helped that my lungs live at 7,000ft in elevation! The ITEP team really wanted to incorporate mindful practices for the well-being of ourselves and others. It was just one of the many accomplishments from a successful conference which would not have been possible without YOU.

So, we really should and need to practice the advice we shell out to others. We need you to take care of yourselves! Remember, our ancestors want us to walk in beauty.

[ReNew Earth Running](#)

[Native Women Running](#)

[RezDuro](#)

With gratitude and respect, on behalf of the [climate warriors](#) at ITEP, Nikki Cooley

Advisory Committee Members:

Tribal Representatives:

Jerry Cain

Mississippi Band of Choctaw Indian

Jamie Donatuto

Swinomish Indian Tribal Community

Michael Durglo, Jr.

Confederated Salish & Kootenai Tribes (CSKT)

Shasta Gaughen

Pala Band of Mission Indians

Desirae Mack

Alaska Native Tribal Health Consortium

Federal Agency Representatives:

Lisa Bacanskas

U.S. Environmental Protection Agency

Alicia Bell-Sheetter

U.S. Forest Service

Erica Bollerud

U.S. Environmental Protection Agency

Ashley Fortune Isham

U.S. Fish & Wildlife Service

Alyssa Samoy

Bureau of Indian Affairs

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Tribal Resilience Liaisons:

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Tribal Resilience Learning Network, Alaska
Climate Adaptation Science Center

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Northeast Climate Adaptation Science Center &
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Stefan Tangen

North Central Climate Adaptation Science
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April Taylor

South Central Climate Adaptation Science
Center & Chickasaw Nation

Casey Thornburgh

Northeast/Southeast Climate Adaptation
Science Center & United Southeastern Tribes

Justin Leon

Native American Fish and Wildlife Society and
Alaska Climate Adaptation Science Center

In The News

[Dams, Drought, and the Little Colorado River](#)

On a particularly windy day this spring, I joined EcoFlight on a flyover of the Little Colorado River. From the river's headwaters in the White Mountains to its confluence with the Colorado River in the Grand Canyon, we soared over its bends and falls, watching the river — depleted by various human uses — disappear and reappear. When we reached the site of the proposed Big Canyon Dam on Navajo Nation lands, about five miles from the confluence, we saw no water. Yet somehow, green spring vegetation surrounded the deep Little Colorado River Gorge. If approved, the Big Canyon Dam would be built in a dry wash and use billions of gallons of groundwater annually to produce electricity for distant desert cities. It begs the obvious question: is a pumped hydro storage project backed by outside investors in the arid Little Colorado River watershed appropriate? Absolutely not. © Grand Canyon Trust, 7/26/22

[Once-Ignored Indigenous Knowledge Of Nature Now Shaping Science](#)

If you come into contact with people working in and around natural resources in Minnesota you may hear the term TEK. It's a popular buzzword, which, confusingly, has little to do with technology. It's the acronym for Traditional Ecological Knowledge, an umbrella term for information about the natural world collected by countless generations of Indigenous people. Through observation and life experience, they gained knowledge — what plants were good to make teas to soothe a sore throat, what bark to harvest to bring down a fever, how certain species adapted to changes in climate and how fire can revitalize the forest floor to produce an abundance of berries. ©North Star Journey, 7/27/22

[Native Nonprofit Leverages \\$1.7M Federal Grant to Pilot Energy Sovereignty Project](#)

A three-year, nearly \$1.7 million Department of Energy grant will help a Native-led renewable energy nonprofit weatherize 30 homes across three reservations. The Pine Ridge, S.D.-based Red Cloud Renewables plans to retrofit these homes with improved insulation, doors and windows alongside solar panels and a solar furnace, which could save the

residents up to 50 percent of their utility bills, said Managing Director John Red Cloud. © Tribal Business News, 08/01/22

[Environmental Concerns Slow Helium Mining Proposal On Navajo Nation](#)

(New Mexico News Connection) People on the Navajo Nation have lived through decades of oil, gas, uranium and coal extraction, and helium could be next. The Navajo Nation Oil and Gas Company wants to explore for helium on Navajo land in New Mexico, a proposal pitting reservation agencies against some residents and environmentalists. Helium is highly concentrated on tribal lands. It is extracted along with natural gas, and requires drilling deep into the earth's crust. But New Mexico is experiencing the worst drought in 1,200 years. © Public News Service, 08/01/22

[Federal Coalition Announces National Summit to Improve High-Speed Internet on Tribal Lands](#)

A coalition of federal agencies today announced next steps as part of the Biden-Harris administration's all-of-government approach to addressing how to close the digital divide and increase internet access across Indian Country and the Native Hawaiian Community. The Department of the Interior and the Institute of Museum and Library Services are partnering with the Department of Agriculture and the Department of Commerce's National Telecommunication and Information Administration (NTIA) for the [2022 National Tribal Broadband Summit](#), taking place virtually throughout the month of September. © DOI Press Release, 08/01/22

[Haskell Indian Nations University Receives \\$20 million National Science Foundation Research Award for Indigenous Science Hub Project](#)

Assistant Secretary for Indian Affairs Bryan Newland today announced that Haskell Indian Nations University, a Bureau of Indian Education-operated Tribal University in Lawrence, Kansas, is the recipient of a \$20 million award from the National Science Foundation for an Indigenous science hub project. Funded under the American Rescue Plan Act of 2021, the award is for five years and is the largest research award ever granted by the National Science Foundation to a tribal college

or university. The project will create The Large Scale CoPe: Rising Voices, Changing Coasts: The National Indigenous and Earth Sciences Convergence Hub. © Indian Country Today, 08/03/22

[Indigenous Leaders Form a New Coalition Secure Indigenous People's Right in a Green Economy](#)

In recognition of the International Day of the World's Indigenous Peoples, Indigenous leaders from around the world will launch a new site — [www.sirgecoalition.org](#) — as part of the official public announcement of a new coalition to Secure Indigenous People's Rights in a Green Economy (SIRGE Coalition). Cultural Survival, First Peoples Worldwide, Batani Foundation, Earthworks, and the Society for Threatened Peoples have launched the SIRGE Coalition as a platform to champion a Just Transition to a low-carbon economy. © Native News Online, 08/09/22

[FEMA Declares New Strategy to Engage Native American Tribes](#)

FEMA will include the 574 federally recognized tribal nations in discussions about possible future dangers from climate change. It has earmarked \$50 million in grants for tribes pursuing ways to ease burdens related to extreme weather. Tribal governments will be offered more training on how to navigate applying for FEMA funds. The new plan calls for tribal liaisons to give a yearly report to FEMA leaders on how prepared tribes are. © KSAT, 08/18/22

[Wildfire Smoke is Choking Indigenous Communities](#)

On July 29, 2021, Li Boyd woke up to the smell of smoke. It was her birthday — she was turning 38 — and she had rented a boat to take her parents and aunts out on the lake near her home in central Minnesota, about 90 minutes north of the Twin Cities. But that morning, when she looked outside her window and found a thick, yellow-gray haze, she figured it was best to avoid going outside. Her older family members all had respiratory issues, and as the day went on and the smoke grew thicker, she worried about how it would affect them. They celebrated in her house, sealing the windows as tightly as they could. © Grist, 08/24/22

Resources

Tribal Climate Adaptation Guidebook

Tribes across North America are leading the way on climate change adaptation. The Tribal Climate Adaptation Guidebook highlights exemplary Tribal efforts in a comprehensive climate adaptation framework that recognizes the distinct circumstances of Tribal governments, cultures, and knowledge systems. To view the guidebook, click [here](#).

USDA Resource Guide for American Indians & Alaska Natives 2022

The USDA Resource Guide for American Indians and Alaska Natives (AI/AN) was developed to provide tribal leaders and tribal citizens, 1994 Land-Grant Tribal Colleges and Universities, AI/AN businesses, and non-governmental organizations serving AI/AN communities with a tool for navigating USDA resources. The USDA programs and services available to members of AI/AN tribes are described in the following pages. This guide provides readers with a comprehensive summary of USDA Programs, separated into four categories: 1. Agriculture, Food Sovereignty, and Traditional Foods 2. Indian Country Economic Development 3. Conservation and Forestry 4. Research, Extension, and Outreach. Click [here](#) to view.

USDA Native Youth Resource Guide 2022

The USDA Native Youth Guide provides information to help Tribal youth learn about USDA programs and resources. Native youth, and organizations working with them, are welcome to contact the USDA Office of Tribal Relations (OTR) for more information on any of these tools. An overview of USDA resources is also available in the USDA Tribal Resource Guide posted on the OTR website. OTR serves as the point-of-contact for Indian Country to USDA and is available to answer any questions you have. Click [here](#) to view.

EPA Tribal Greenhouse Gas Inventory Tool

This free, interactive spreadsheet tool calculates GHG emissions for many sectors, including residential, commercial, transportation, and waste and water management. The tool is comprised of two separate modules: one for community-wide inventories, the other for inventories of tribal government operations only. You may choose to use one or both modules. The tool is pre-programmed with default emission factors and system assumptions needed to calculate emissions or you may enter community-specific information. The tool is scalable to accommodate different levels of activity data to meet the needs and constraints of different tribal governments. Click [here](#) to view the tool.

New Interactive Map for AZ Water Rights Now Online in Arizona Department of Water Resources' (ADWR) Adjudications Division

ADWR's Adjudications Division – a part of our team that deals with the nature, extent and relative priority of water rights in Arizona, which is one of the most complex areas of water law – has just put online an interactive tool that puts more information at the public's fingertips. The new map provides much easier access to the Department's records of claims for water rights, known as "Statements of Claimants," or "SOCs". Jointly developed by ADWR's Adjudications and IT departments, it allows users to search by SOC number, claimant name, address or just to browse for water rights claims in a given area. Click [here](#) to view.

DOE Announces More Than 140 Programs Supporting President Biden's Justice40 Initiative

On July 26, the U.S. Department of Energy (DOE) announced 146 programs that support President Biden's Justice40 Initiative, which aims to ensure Federal agencies deliver 40% of the overall benefits of climate, clean energy, affordable and sustainable housing, clean water, and other investments to disadvantaged communities. To provide transparency and accountability in DOE's efforts, the Department's list of Justice40 programs highlights its top priorities to advance environmental justice and an equitable clean energy future, and details how program offices are implementing strategies for disadvantaged communities. Click [here](#) to view.

Circumpolar Inuit Protocols for Equitable and Ethical Engagement (EEE Protocols)

In this podcast, host Dalee Sambo Dorrough – former ICC Chair – speaks with four guests about the EEE Protocols: Kupik Kleist, President of ICC Greenland; Lisa Koperqualuk, President of ICC Canada, Liubov Taian former President of ICC Chukotka (interpretation by Teymur Suleyman); and Nicole Kanayurak Wojciechowski, Executive Council Member for ICC Alaska. Click [here](#) to view.

Come Rain or Shine Podcast - Assessing Climate Change Vulnerability of Navajo Nation Forests

Warming temperatures can exacerbate forest drought stress, reducing defenses to bark beetle outbreaks, wildfire, and tree diseases. Concern about losses within the forests of the Navajo Nation due to these stressors led to a partnership between the Navajo Forestry Department and a diverse group of scientists to assess the vulnerability of Navajo forests to climate change and develop strategies to promote forest resilience to drought and extreme fire behavior. Here we speak with Principal Investigator Dr. Margaret Evans, and forestry consultant Jaime Yazzie, to learn more about this project. To listen click [here](#).

NIACS New Adaptation Menu for Great Lakes Coastal Ecosystems

Strategies for Adapting Great Lakes Coastal Ecosystems to Climate Change is our latest menu of climate adaptation strategies and approaches. This menu details a range of actions to help Great Lakes coastal ecosystems cope with climate change. The menu can be used by natural resources professionals to support management decisions for a variety of coastal ecosystems across the Great Lakes states. Together with the USDA Fish and Wildlife Service, we led an author team of over 20 regional managers and scientists to develop 6 strategies and 29 adaptation approaches. Click [here](#) to view.

Arroyo Featuring Indigenous Perspectives on Water Resilience

The University of Arizona Water Resources Research Center (WRRRC) is pleased to release the 2022 edition of its annual publication, Arroyo, titled "Water Resilience - Indigenous Perspectives." This Arroyo contains information, insights, and perspectives from the 2021 WRRRC Annual Conference, Tribal Water Resilience in a Changing Environment, which was dedicated to the legacy of trailblazing water rights attorney Rodney "Rod" Blaine Lewis of the Gila River Indian Community. Its unique approach conveys the words and messages of the many Native American participants in the conference. Click [here](#) to view.

Job & Internship Opportunities

Post-Doctoral Research Associate for St. Marys River Resilience Plan and Midwest Regional Manoomin (wild rice) Stewardship Plan Projects

Postdoctoral research associate will play a leadership role in the coordination and decision analysis on two Tribally-led Multi-agency coastal marsh and wild rice restoration and stewardship planning projects. In collaboration with the Sault Ste. Marie Tribe of Chippewa Indians-Wildlife Program (STWP) and the BIA, the Center for Cooperative Ecological Resilience (CCER) is leading the Midwest Tribal Wild Rice Coordination and Planning in Partnership. The selected candidate will also work with STWP and CCER to develop a St. Marys River Resilience Plan in collaboration with Tribal, State, Federal, and Non-governmental agencies. Question can be directed to Dr. Gary Roloff (roloff@msu.edu) or Eric Clark (eclark@saulttribe.net). **Application deadline: open until filled**

Affiliated Tribes of Northwest Indians: Assistant Tribal Climate Resilience Liaison

The Assistant Tribal Liaison will work with the Senior Tribal Climate Resilience Liaison to advise the NW CASC on tribal issues as they pertain to climate change, resource vulnerability, and climate adaptation actions. Our liaisons also provide climate adaptation training to tribal nations, develop partnerships to advance tribal resilience to climate impacts, and serve as an informational hub between Tribes, Federal agencies, researchers, and other tribal and non-tribal partners. **Application deadline: September 16, 2022**

Desert Research Institute - Climate Reporter Intern

The Native Climate project, led by the Desert Research Institute, is a new USDA-funded project to support climate resilience planning and address long-standing issues related to climate injustice in Indian Country through culturally-appropriate information sharing. Native Climate seeks Climate Reporter Interns to write news stories about the impacts of climate change on Native American communities in the Southwest and Northern Plains regions of the US. Interns will report on stories about climate impacts and adaptations by tribes located in their regions, and gain experience developing multi-media communications for the web and social media. **Application deadline: September 30, 2022**

First Nations Development - Program Associate - Stewarding Native Lands

The Program Associate's primary responsibility is to assist and support Program Officers and the Director of Programs in the administration and implementation of First Nations' Stewarding Native Lands projects. Additional responsibilities include thoughtful contributions to Indigenous land stewardship and environmental justice conversations, coordination of technical assistance and training, participation in onsite visits, grantee communications, grant management, and monitoring of consultant work. **Application deadline: open until filled**

Outreach and Network Manager, Exchange for Local Observations and Knowledge of the Arctic (ELOKA)

The Exchange for Local Observations and Knowledge of the Arctic (ELOKA) welcomes applications for an Outreach and Network Manager position to be based in either Boulder, CO, or Alaska. The Outreach and Network Manager will work closely with ELOKA team members and partners to support partner and network activities to develop and apply data management systems for communities across the Arctic, including a number of partners in Alaska. **Application deadline: open until filled**

Assistant Tribal Climate Resilience Liaison - Alaska - Native American Fish & Wildlife Society

The Assistant Tribal Climate Resilience Liaison (Asst. TCRL) for the Alaska Climate Adaptation Science Center (AK CASC) serves

as support on Alaska Tribal climate adaptation science needs under the guidance and direction of the Senior Tribal Climate Resilience Liaison (Sr. TCRL) of the Native American Fish and Wildlife Society (NAFWS). The Asst. TCRL is responsible for working with the Sr. TCRL to provide technical assistance and to work with tribal communities across Alaska to improve their capacity to prepare for and respond to climate-related environmental impacts. To apply, submit a resume, official transcripts, cover letter, 3 professional references, and completed BIA Form 4432 (if claiming Indian Preference) to Justin Leon at jleon@nafws.org. **Application deadline: open until filled**

Landscape Architect/Restoration Practitioner

Fred Phillips Consulting (FPC) is looking for an entry/mid-level Landscape Architect/Restoration Planner. This position is based in Ridgway, Colorado; remote work is possible but must be located in the four corners area. For the last 25 years, Fred Phillips has been a leader in resource management, landscape design, and ecological restoration in the southwest. If you want to learn ecological restoration planning, design, fundraising, and construction and work with diverse communities, this is a great opportunity for you. Check out the exciting work we are doing at fredphillipsconsulting.com. **Application deadline: open until filled**

Postdoctoral Research Associate in Indigenous STEM Education

The University of Arizona's Department of Teaching, Learning, and Sociological Studies in the College of Education is seeking a Postdoctorate Research Associate. This is a year-to-year appointment, contingent upon funding and performance. The Posdoc will be encouraged to communicate openly and frequently with the PIs, Co-PIs from both research grounds (UArizona and UC-Berkeley), and the Alliance partners. The selected candidate will work closely with Drs. Valerie Shirley, Karletta Chief, and Alice Agogino on this research project with funding from the National Science Foundation. **Application deadline: open until filled**

Outreach and Network Manager, Exchange for Local Observations and Knowledge of the Arctic (ELOKA)

The Exchange for Local Observations and Knowledge of the Arctic (ELOKA) welcomes applications for an Outreach and Network Manager position based in Boulder, CO, or Alaska. The Outreach and Network Manager will work closely with ELOKA team members and partners to support partner and network activities to develop and apply data management systems for communities across the Arctic, including several partners in Alaska. **Application deadline: Open until filled**

Tribal Community Liaison

The County of San Diego is recruiting for a Tribal Community Liaison to help strengthen the County's partnerships with Tribal Governments and indigenous tribes. This important position will work with the region's Tribal Governments and tribal citizens on areas related to equity, cultural appreciation, health and well-being, emergency preparedness, quality of life, and sustainability. **Application deadline: Open until filled**

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/>

Tribal Engagement in Regional Ocean Partnership Priorities, NOAA

NOAA announced the availability of approximately \$1 million for federally-recognized Tribes to support tribal participation in or engagement with existing regional ocean partnerships, with funding provided through the Infrastructure Investment and Jobs Act. This Tribal funding complements a separate funding program for established regional ocean partnerships, which seeks to enhance and sustain the efforts of the established partnerships to coordinate inter-state and inter-Tribal management of ocean and coastal management issues. This Tribal engagement funding opportunity focuses on encouraging or enhancing Tribal participation with established regional ocean partnerships, and/or Tribal activities related to partnership priority actions. **Application deadline: September 13, 2022**

Arctic Research Consortium of the US (ARCUS) Early Career Conference Funding Award

This award supports US-based, early career researchers and students to participate in meetings and events relevant to Arctic research,

since 2020. The current fall 2022 funding awards will cover registration fees, session/abstract submission costs, travel, and other relevant expenses related to in-person conference attendance for one US-based conference or event scheduled to take place during the period of 15 October 2022 – 1 April 2023. This award also aims to specifically increase participation of early career, underrepresented minorities (Black, Indigenous, and People of Color; BIPOC) in Arctic research. **Application deadline: September 15, 2022**

Community Impact Award (Call for Proposals)

The Indigenous Resilience Center (IRES) within the Arizona Institute for Resilient Environments and Societies at the University of Arizona, is pleased to announce its Fall 2022 Community Impact call for proposals. IRES will award grants for projects in early Fall 2022 in the following priority areas:

- Partnership Building: Projects focused on partnership building with tribes to collaboratively identify community-driven resilience goals and priorities.
- Research: Projects that focus transdisciplinary research on supporting the resilience of Indigenous communities using community-based approaches and Indigenous research ethics.
- Teaching: Projects that teach and promote STEM or STEAM curricula that are specifically tailored towards Indigenous resilience, Indigenous knowledges, community-driven tribal research, tribal consultation, research ethics, natural resources management, traditional agriculture, Indigenous data sovereignty, tribal environmental health, or STEM or STEAM education among others.

Award: Four \$25,000 Faculty IRES Community Impact Projects, and Six \$5,000 Graduate Student IRES Community Impact Projects. **Application deadline: September 21, 2022**

NOAA - Coastal Habitat Restoration and Resilience Grants for Underserved Communities

The principal objective of this solicitation is to support \$10 million of opportunities for underserved communities, tribes, and/or tribal entities to meaningfully engage in coastal habitat restoration activities. Through this funding opportunity, NOAA intends to support capacity building and restoration project activities that have the greatest potential to lead to habitat restoration that enhances resilience of underserved communities in marine, estuarine, coastal, and Great Lakes areas. **Application deadline: September 30, 2022**

The Environmental Justice Thriving Communities Technical Assistance Centers Program

This Request for Applications (RFA) provides a total of up to \$50 million in funding for the establishment of 5 – 10 technical assistance centers across the nation serving communities with environmental justice concerns and their partners. Funds per award will total approximately \$6 million depending on funding availability and other applicable considerations. Awards will be incrementally funded with periods of performance of three years. Awards will be issued as cooperative agreements and EPA will be substantially involved in the operation of the centers. Awardees will be required to provide an array of direct technical assistance services to underserved communities and those working to address environmental justice issues over the period of performance. **Application deadline: October 4, 2022**

DOE Community Geothermal Heating and Cooling Design and Deployment

The U.S. Department of Energy (DOE) announced the Community Geothermal Heating and Cooling Design and Deployment Funding Opportunity Announcement (FOA), which will award \$300,000–\$13 million for projects that help communities design and deploy geothermal district heating and cooling systems, create related workforce training, and identify and address environmental justice concerns. The FOA will support the formation of U.S.-based community coalitions that will develop, design, and install community geothermal heating and cooling systems that supply at least 25% of the heating and cooling load in communities. **Application deadline: October 11, 2022**

Saltonstall-Kennedy Grant, NOAA Fisheries

NOAA Fisheries is accepting applications for the Saltonstall-Kennedy Grant Competition. This funding will support the promotion, development and marketing of U.S. fisheries. Awards maximum is \$300,000. **Application deadline: October 31, 2022**

U.S. Fish and Wildlife Service - National Fish Passage Program

The National Fish Passage Program (NFPP) is a voluntary program that provides direct technical and financial assistance to partners. NFPP aims to maintain or increase fish populations in order to improve ecosystem resiliency and to provide quality fishing experiences for the American people. Example project types include dam removals, culvert replacements, and the installation of fishways. **Application deadline: December 30, 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>

September 2022

Webinar Series, September 13 & 15, 10am Eastern

[Climate Adaptation and Tribal Forest Protection Act Webinars](#)

Northern Institute of Applied Climate Science, Great Lakes Indian Fish and Wildlife Commission, and other partners are organizing these webinars to share background information on climate change adaptation and the Tribal Forest Protection Act. These webinars are designed for tribal natural resources staff, US Forest Service staff, and other organizations that are interested to learn more about using TFPA to help advance tribal climate change adaptation priorities. If you register, please plan to attend both webinars:

- Webinar 1 (September 13, 10am-12pm Eastern): Background on climate change adaptation and TFPA process and requirements
- Webinar 2 (September 15, 10am-12pm Eastern): Real-world experiences using TFPA

Summit: September 13, 20, 27, Virtual

[Registration Open for 2022 National Tribal Broadband Summit](#)

The Summit aims to collaborate with federal partners, Tribal nations, and organizations to make broadband development on Tribal lands less burdensome and share information to provide an overview of the other critical components to achieving full broadband access and adoption on Tribal Lands: new technologies and innovative partnership solutions to fully support tribal self-governance.

Celebration: September 14, Flagstaff, AZ

[Institute for Tribal Environmental Professionals - Celebrating 30-Years of Service to Tribes & Protection of Tribal Lands](#)

Celebration of ITEP's 30th Anniversary at Prochnow Auditorium beginning at 7:00 pm. Keynote speaker - Nicole Horseherder. Join us for an evening of inspirational hope through action!

Virtual Workshop: September 14-16 **[10th Annual Rising Voices Workshop](#)**

Given the continued pandemic uncertainties in planning a large, in-person event, the workshop will again be held virtually this year, Wednesday, September 14- Friday, September 16, 2022. The workshop theme, Emergent Knowledge

through Indigenous and Earth Science Collaborations, will also serve as a bridge to reflect on where Rising Voices has been in its first decade, and what now emerges into the next decade.

Symposium: September 19-21, 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.

October 2022

Conference: October 4-5, Washington, DC

[Tribal Clean Energy Summit](#)

This nation-to-nation roundtable discussion between tribal leaders, Secretary Granholm, and U.S. Department of Energy (DOE) senior leadership will explore how tribes can harness clean energy to enhance energy sovereignty, addresses climate resilience, and build stronger economies.

Conference: October 6-8, Palm Springs, CA

[Advancing Indigenous People in STEM \(AISIS\) Conference](#)

The Annual AISIS National Conference is a unique, three-day event focusing on educational, professional, and workforce development for Indigenous peoples of North America and the Pacific Islands in science, technology, engineering, and math (STEM) studies and careers. Attendees include Indigenous high school and college students, educators, and professionals, including representatives from Tribal Nations, Tribal enterprises, and Indigenous-owned businesses.

Conference: October 10-14, Albuquerque, NM

[Southwest Adaptation Forum](#)

The Southwest Climate Adaptation Science Center (SW CASC) is proud to host the 2022 SWAF, in collaboration with the South Central CASC. Building on work started at the 2018 and 2021 SWAFs, we will further explore topics relevant to adaptation practitioners in the Southwest, such as cultural burning, drought, and ecosystem transformation.

Summit, October 12-14, Flagstaff, AZ

[Investing in the Future of Tribal Forest Resources Management and Wildland Fire](#)

Mark your calendars for this hybrid event, featuring in-person and virtual participation options to address tribal workforce development. This summit is designed for students in forestry or related resource management programs across the country. Please contact Jon Martin at Jonathan.Martin@nau.edu for further information.

Conference, October 12-15, Reno, NV

[Western Mining Action Network 2022 Biennial Conference](#)

The Conference will convene 150-200 people from mining-affected communities and allies working in legal aid, scientific support, and environmental NGO's for cross-cultural knowledge sharing; elevating Indigenous voices; leadership development; and training in environmental advocacy and democratic organizing.

Conference: October 18-20, Flagstaff, AZ

[2022 Tribal Exchange Network Conference](#)

The 2022 Tribal Exchange Network Conference aims to expand tribal capacity for environmental data sharing, management, and analysis through informational, interactive sessions that offer: networking opportunities and connections with other professionals; a showcase of Exchange Network projects and technology tools; workshops, demonstrations, and mentoring for tribal professionals; and discussions on resources, funding opportunities, and technical support.

Conference: October 25-27, Baltimore, MD

[National Adaptation Forum](#)

Please save the date for the fifth National Adaptation Forum, brought to you by EcoAdapt and taking place at the Baltimore Marriott Waterfront Hotel.

November 2022

Conference: November 29-30, Spokane, WA

[Affiliated Tribes of Northwest Indians \(ATNI\) National Tribal Leaders Climate Change Summit](#)

ATNI's 5th Annual Summit will engage Tribal leaders and citizens, Tribal staff, Tribal youth and collaborators in conversation about navigating the cultural, economic, and social challenges of climate change.