



Institute for Tribal Environmental Professionals



Tribes & Climate Change Newsletter

2021 March

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.



Ocotillo in full bloom. Photo courtesy of Colleen Cooley

Meet the Climate Change Team

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Nacho, Mitchell, and Butterfly. Photo courtesy of Nikki Cooley

Self-care. This is a term that we have been hearing for as long as we can remember but it feels like most of us started listening seriously just 11-12 months ago. For some of us, we started yesterday or only a few months ago. It does not matter when we start, what matters is that we start and keep going, right? As someone who is a detailed and routine oriented, it can be pretty tough if my daily plan veers off path or gets a bit wobbly. One of my coping mechanisms has been to keep going even if it is washing dishes, folding clothes, raking the yard, cleaning the chicken coop or mopping the whole house. Yes, these are and should be shared chores with your children and partner but let's face it, no one can do it better than I can. Ayyy, I'm only joking a bit.

This leads me to my story from the past 12 months of the daily walks/hikes my family has been doing. Thankfully, we live near the national forest which gives us access to great trails. For over the past 365 days, my life partner, four children and three dogs have been walking/hiking. Prior to March, we'd go every other day and go shorter distances. The benefits have been immense; enjoying the beauty of the outdoors, watching our dogs happily frolic, and extended family time. One of the main benefits has been the stress relief for my life partner who has been working in the ICU since March 2020. Prior to his shifts, we do family walks/hikes which have provided an outlet to destress, laugh, talk and discover. In addition, I was motivated by ITEP colleagues to participate, individually and as a

group, in virtual physical activities. It may be my BIA boarding school mentality of needing motivation from others but I usually need directions or encouragement to push myself. I'm sure ITEP will do it again but consider supporting students while keeping yourself active and healthy – [ITEP Virtual Run & Fundraiser](#) or check for local events.

Each day in our respective lives, we have a lot going on. I encourage you to care for YOU. Yes, you have heard this but here it goes again. You cannot care for others adequately unless you care for you first. As many of you are, I am a living testament to how valuable it is to care and love you first. Our Mother the Earth, Father Sky and our relatives would encourage us to do the same which is why we must spend time outdoors in "the wild" or at the park. Our Indigenous identity is embedded in the lands, waters, animals and plants. Our livelihoods literally depend on the efficiency and consistency of our work of caring for the environment.

[Indigenous Self-Care](#)

[All My Relations: Podcast](#)

[Indigenous Vision](#)

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

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-Sheeter

U.S. Forest Service

Erica Bollerud

U.S. Environmental Protection Agency

Ashley Fortune Isham

U.S. Fish & Wildlife Service

Rachael Novak

Bureau of Indian Affairs

Chris Swanston

U.S. Forest Service/NIACS

Tribal Resilience Liaisons:

Malinda Chase

Alaska Climate Adaptation Science Center & Aleutian Pribilof Islands Association

Chas Jones

Northwest Climate Adaptation Science Center & Affiliated Tribes of Northwest Indians

Sara Smith

Northeast Climate Adaptation Science Center & College of Menominee Nation

Stefan Tangen

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

Althea Walker-Ortiz

Southwest Climate Adaptation Science Center & American Indian Higher Education Consortium

In The News

[Quinault, Suquamish Tribe Highlight Climate Crisis in Front of U.S. Senate](#)

Fawn Sharp, president of both the Quinault Indian Nation and National Congress of American Indians, joined Leonard Forsman, Suquamish Tribe Chairman and president of the Affiliated Tribes of Northwest Indians, to testify in front of the Committee on Indian Affairs, both saying that Native communities are on the front lines of the climate crisis. © The Chronicle, 02/26/21

[Funders want to help ensure Native food sovereignty](#)

Grant funding seems like a logical way to build capacity and accomplish change, but the reality for tribal communities is more nuanced. The centuries-old clash between Native populations and white European colonizers still plays out on a daily basis in the halls of philanthropy. © The Counter, 03/01/21

[The Navajo Nation Generates a Ton of Power – But 14,000 Homes Don't Have Electricity](#)

In a year characterized by extreme weather, avid handwashing, and increasingly remote interactions, access to electricity is more important than ever. But 12 months into the U.S. COVID-19 pandemic, it's a basic right on which thousands of Navajo Nation members are still waiting. © Grist, 03/05/21

[Tribal Leaders Support Permanent Grand Canyon Mining Ban](#)

On February 26, 2021, the House passed the Grand Canyon Protection Act, a bill that permanently bans new uranium mines on about 1 million acres of public lands near Grand Canyon National Park. Uranium mining has a long legacy of contaminating land and water in the Grand Canyon region, the ancestral homeland of the Havasupai, Navajo, Hopi, Hualapai, and many other Native American nations whose strong cultural connections to the canyon continue to this day. © Grand Canyon Trust, 03/08/21

[Wiyot Tribe secures \\$250K grant to plan for sea-level rise resiliency](#)

The Wiyot Tribe recently received a \$250,000 grant from the Ocean Protection Council to develop a Climate Change Adaptation Plan for Humboldt Bay. The Wiyot Tribe is one of 15 grant recipients striving to improve resili-

ence to sea-level rise along the coast. © Times-Standard, 03/08/21

[There's a Global Plan to Conserve Nature](#)

With a million species at risk of extinction, dozens of countries are pushing to protect at least 30 percent of the planet's land and water by 2030. Their goal is to hammer out a global agreement at negotiations to be held in China later this year, designed to keep intact natural areas like old growth forests and wetlands that nurture biodiversity, store carbon and filter water. © The New York Times, 03/11/21

[Western states chart diverging paths as Colorado River water shortages loom](#)

Republican lawmakers approved an entity that could push for more of Utah's share of water as seven Western states prepare to negotiate how to sustain a river serving 40 million people. © The Associated Press, 03/11/21

[Feeling the heat of climate change](#)

At any moment, on any school day, the entire future of the Quileute Tribe is at risk. The Quileute Tribal School is located within a stone's throw from the Pacific Ocean, which has been a source of life for the Quileute people since the beginning of time. © Indian Country Today, 03/12/21

[Across generations, Dakota women grow resilience](#)

Dakota writer Diane Wilson's first novel explores matrilineal kinship through the act of seed keeping, both metaphorically and literally. Wilson uses seeds to reflect on Indigenous resilience in a colonized world. Her storytelling is direct and beautiful, and she reveals information carefully through narrative structure. © High Country News, 03/12/21

[Agriculture grant funds Blue Lake Rancheria workshops](#)

Last month, the Native American Agricultural fund awarded the Blue Lake Rancheria \$50,000 dollars for the operation of agriculture programs that will take place at the Daluviwi' community garden. © The LumberJack, 03/12/21

[Yup'ik woman to head Alaska Native health organization](#)

Valerie Nurr'araaluk Davidson, Yup'ik, has been named interim president of the Alaska Native Tribal Health Con-

sortium, after the previous president resigned last month. © Indian Country Today, 03/15/21

[Haaland confirmed by Senate as first Native American to lead Interior](#)

As thousands of Native Americans watched online, Rep. Deb Haaland (D-N.M.) was confirmed as secretary of the Interior Department by a 51-to-40 vote in the Senate, making her the first American Indian to lead an agency that manages a vast portfolio of federal land and the oil and mineral wealth that lies beneath it. © Washington Post, 03/15/21

[Native Peoples, Tribal Sovereignty, and Regulation, Series of Essays](#)

In this series of essays, scholars and practitioners explore some of the most pressing regulatory issues affecting how Native American communities experience government and law, as well as how existing systems of power ignore and exclude Native peoples and governments. © The Regulatory Review, 03/15/21

[A record 6 Native Americans elected to Congress, here's where they stand on climate](#)

Indigenous peoples have a critical role to play in the fight against climate change. Though they make up just 5 percent of the world's population, their lands encompass more than 80 percent of global biodiversity. © People's World, 03/16/21

[Karuk Tribe and allies press California to change fire policies to allow prescribed burns](#)

In the wake of last year's disastrous fires on the Klamath River and elsewhere in California, the Karuk Tribe and a diverse coalition of partners today released [Good Fire: Current Barriers to the Expansion of Cultural Burning in California and Recommended Solutions](#). © Red and Green Media, 03/19/21

[New Report Details Indigenous Struggle for Land Rights](#)

The latest edition of the State of the World's Indigenous People report examines challenges communities face in asserting their rights to lands, whether in context of agribusiness, extractive industries, development, conservation, and tourism.

Resources

The Navajo Nation and Clean Water: The Story of Two Sisters

Water – one of the most precious resources on our planet, is taken for granted so quickly by so many. This is the story of two passionate women, establishing a powerful partnership to collaborate resources and bring safe water to thousands of people in the Navajo Nation daily, especially in the midst of the COVID-19 pandemic. They also happen to be sisters. To listen to the podcast, click [here](#).

ITEP's Climate Change and Pandemics Fact Sheet

Climate change impacts all of us in various ways - from increasing temperatures, wildfires, drought, flooding, and sea level rise. Currently, scientists are studying how diseases may be accelerated due to climate change. To read the fact sheet, click [here](#).

Connecting Wildlands and Communities (CWC) Resilient Connections StoryMap

Climate Science Alliance Media and Art Intern Audrey Carver recently worked with the Connecting Wildlands and Communities team to translate the science and stakeholder perspectives of this work into a hand illustrated storymap. View the Resilient Connections StoryMap [here](#).

Teaching Native Waters: Virtual Professional Development Opportunity

In this six-week virtual module from April 18 - May 28, 2021, we will explore four dimensions of water quality. Using hands-on mini-labs that you can do at home, we will deepen our practice of claim-evidence-reasoning to model in the classroom. Space is limited to 15 participants. Sign up [here](#) today. **Application deadline: April 10, 2021.** For more information, click [here](#).

Climate Adaptation Toolkit for Marine and Coastal Protected Areas

The Climate Adaptation Toolkit for Marine and Coastal Protected Areas was built within the Climate Adaptation Knowledge Exchange (CAKE) and created to make climate adaptation planning a simple, direct, and feasible process for marine-protected-area managers. It contains tools that help protected-area managers evaluate the vulnerability of their sites to climate change, identify appropriate adaptation strategies, and learn about those strategies through case studies, reports, and other resources. To review the toolkit, click [here](#).

WAMPUM Adaptation Framework – Eastern Coastal Tribal Nations and Sea Level Rise Impacts on Water Security

Sea level rise (SLR) poses significant threats to northeast and mid-Atlantic Tribal Nations' climate and water justice. Existing SLR adaptation frameworks do not include Indigenous knowledge. Furthermore, SLR adaptation policy prioritizes economic and property rights and is misaligned with Indigenous coastal protection priorities. Experiences of eastern Atlantic coastal Tribal Nations highlight innovative response strategies for SLR adaptation and coastal stewardship practices not reflected in existing adaptation frameworks for the region. To read the entire article, click [here](#).

Southwest Climate Adaptation Science Center (CASC) – Researchers Create New Tool to Assist Managers in Rebuilding Forests After Fire

The Postfire Spatial Conifer Restoration Planning Tool (POSCRPT) predicts the probability of post-fire conifer regeneration for fire data supplied by the user. The tool is designed to simplify the process of predicting post-fire conifer regeneration under different precipitation and seed production scenarios. To review the article, click [here](#). To review the tool, click [here](#).

Resist-Accept-Direct (RAD) – A Framework for the 21st Century Natural Resource Manager

The National Park Service and partner agencies recently published a report describing the Resist-Accept-Direct (RAD) framework, a decision-making tool that helps resources managers create strategic plans when faced with ecological changes caused by climate change. This framework assists managers in considering how climate will affect valuable resources and how to craft feasible strategies that meet their priorities. To review the full report, click [here](#).

Linking Indigenous Food Knowledge in the Arctic and the Southwest

A recent article in Eos describes a new network, the Indigenous Foods Knowledge Network that connects Indigenous and non-Indigenous scholars in the Arctic and the U.S. Southwest to coproduce solutions in food sovereignty. The Arctic region and the Southwest face similar challenges in the future due to climate change, as well as similar challenges to food resilience and sovereignty. To read the full article, click [here](#).

Job & Internship Opportunities

Indigenous Peoples Engagement Manager

The Western Resources Advocates (WRA) seeks an Indigenous Peoples Engagement Manager to lead outreach and partnership efforts with Indigenous Nations, Indigenous communities, and Indigenous organizations in WRA's seven state region. This new position will report to the Government Affairs Director and work closely with WRA's program staff to identify and facilitate opportunities for collaboration with Indigenous peoples around strategies and policies that impact our earth and natural world.

Application deadline: Open until filled, with priority review of applications starting on March 22, 2021

Environmental Protection Agency – Nomination to the National Environmental Justice Advisory Council

The U.S. EPA invites nominations from a diverse range of qualified candidates to be considered for appointment to its National Environmental Justice Advisory Council. EPA is seeking nominations to fill approximately seven new vacancies for terms through September 2022. Vacancies are anticipated to be filled by September 2021. **Application deadline:** March 24, 2021

Roger Arliner Young (RAY) Diversity Fellowship

The RAY Diversity Fellowship is a two-year (1 year with 1-year renewal), full-time position with partner conservation and clean energy organizations with the goal of increasing and facilitating environmentally-related career pathways for emerging leaders of color. Fellowship positions will be posted on a rolling basis through March 15. **Application deadline:** March 26, 2021

Rocky Mountain Research Station (RMRS) – Research Botanist

RMRS of the United States Forest Service is hiring a Research Botanist to conduct research activities in the Maintaining Resilient Dryland Ecosystems Program and stationed in Provo, Logan, or Cedar City, Utah. Research will have an emphasis on designing research studies, data collection and analysis, manuscript preparation and publishing, communication, science delivery, and working with partners. For more information and to apply, contact Chelcy Miniati, chelcy.f.miniat@usda.gov. **Application deadline:** April 2, 2021

Native Youth Community Adaptation and Leadership Congress

Seeking groups of applicants with 1 adult community mentor and 3-5 rising high school seniors from any federally recognized tribe, in the U.S. and eastern time zone territories, from the same communities. All applicants must have reliable internet. Resources may be awarded to selected applicants on a per student basis to accommodate community-based projects. **Application deadline:** April 12, 2021

2021 Climate Adaptation Leadership Award Nominations

The Climate Adaptation Leadership Awards for Natural Resources is seeking nominations for 2021. The Award recognizes the outstanding and exemplary leadership by individuals, agencies, businesses, students, and youth to reduce effects and advance adaptation of the Nation's vital natural resources in a change climate. **Application deadline:** May 16, 2021

Association on American Indian Affairs Scholarships

Scholarships are available to undergraduate and graduate Native American students who are citizens/members of their Tribal Nation – whether or not their Nation is acknowledged by the federal government. The Association's scholarships are provided to students twice a year until the student earns a degree, as long as they maintain a 2.5 GPA and attend full time.

Application deadline: May 31, 2021

Tribal Waste and Response Steering Committee Applications

The Institute for Tribal Environmental Professionals (ITEP) is seeking applications for our Tribal Waste and Response Steering Committee (TWAR SC). Up to six individuals will be selected to join the TWAR SC for the term beginning on November 1, 2021 and ending October 31, 2023. The TWAR SC is one of seven official Tribal Partnership Groups, supported through US EPA cooperative agreements, whose mission is to provide two-way communication between Tribal professionals working in Superfund, solid waste, USTs, emergency response, and brownfield programs. **Application deadline:** June 4, 2021

Hydrology Summer Internship

This paid, summer internship involved one week of orientation including Wilderness First Aid Training and 10 weeks with the United States Forest Service Hydrology Crew. This job will offer a tremendous opportunity to do fieldwork in a wide variety of terrain and locations across the San Juan National Forest and Weminuche Wilderness. **Application deadline:** position open until filled

Cooperative Institute for Research in Environmental Sciences for a Tribal Engagement Coordinator

This position fulfills a critical role in the implementation of the National Integrated Drought Information System (NIDIS), a federal multi-agency partnership that coordinates drought monitoring, forecasting, planning, and information at national, state, and local levels. NIDIS' mission is to help that nation to move to a more proactive approach to managing drought risks and impacts, and to improve long-term drought resilience. Through this position, NIDIS will be able to increase collaboration with and support tribal nations across its nine regional drought early warning systems. **Application deadline:** position open until filled

Institute for Tribal Environmental Professionals – Project Assistant

ITEP is seeking a part-time Project Assistant to work with two ITEP programs: The Tribal Pesticides Program Council and the Volkswagen Settlement Technical Assistance Program. The position will provide administrative and research assistance for both programs as needed, with weekly tasks depending on the workload and schedule for each. For more information and to apply, contact: Mark.Daniels@nau.edu. **Application deadline:** Open until filled

Red Feather Development Group: Development Manager

Red Feather is looking for an experienced Development Manager to further their mission by cultivating, soliciting and stewarding individual, corporate, foundation, and governmental gifts and grants. To apply, send a cover letter, resume, and portfolio of previous grants and fundraising appeals to joe@fedfeather.org. **Application deadline:** position open until filled

Indigenous Climate Action (ICA) Just Transition Lead

The Just Transition Lead will be responsible for developing and implementing Just Transition campaigns on behalf of ICA. This position will be responsible for building out training programs based off of our Just Transition Guide, support and implement renewable energy projects with community partners, and nurture strategic relationships to advance the values that are critical for Indigenous energy sovereignty. Please send a resume and cover letter to monture@indigenousclimateaction.com with the subject: 'Application – Just Transition Lead.' **Application deadline:** position 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/itcp/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/wps/portal/nrcs/main/national/programs/financial/cig/>

Rural Energy for America Program Renewable Energy Systems & Energy Efficiency Improvement Guaranteed Loans & 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. **Application deadline: March 31, 2021**

Water is Life Fund Grant Applications

The Water is Life Fund is a grant program focused on high-impact solutions to the Water, Sanitation, and Hygiene access crisis in the United States, US territories, and sovereign tribal nations within US borders. Initiatives of interest should be unique, community-led, and long-lasting. **Application deadline: March 31, 2021**

Northeastern States Research Cooperative (NSRC) – Indigenous Knowledge Forest Fund

NSRC announces an Indigenous Forest Knowledge Fund and associated Request for Proposals. The NSRC recognizes and respects the deep, primary knowledge of Tribal Nations in the Northern Forest region and announces the NSRC Indigenous Forest Knowledge Fund to support: 1) the education, mentorship, and training of Indigenous youth in applied forest research and/or Traditional Ecological Knowledge about forest systems; 2) new applied forest research that advances Tribal priorities; and 3) the synthesis and translation of forest research and/or Traditional knowledge to advance communications, outreach, and economic programs for Tribal nations and Indigenous communities. **Application deadline: April 2, 2021**

National Coastal Resilience Fund: Increasing the Nation's Natural Defenses

The National Fish and Wildlife Foundation (NFWF) is pleased to announce the 2021 National Coastal Resilience Fund Request for Proposals (RFP). NFWF will make investments in planning, design, and restoration of natural and nature-based solutions to help protect coastal communities from the impacts of storms, floods, and other natural hazards and enable them to recover more quickly and enhance habitats for fish and wildlife. **Pre-proposal application deadline: April 7, 2021**

Bureau of Indian Affairs (BIA) – Tribal Resilience Program

The BIA is pleased to announce the availability of funding through the Tribal Climate Resilience Program (Program). The Program will provide funding for activities that support Tribal adaptation and resilience planning, ocean and coastal management planning, and relocation, managed retreat, or protect-in place planning and design activities for coastal and riverine communities. The Program aims to support Tribal Nations that are working toward climate adaptation planning and need information for management decisions that affect tribal trust and treaty

resources, economies, infrastructure, and human health and welfare. The solicitation is for federally-recognized Tribal Nations and Tribal organizations* (as defined by 25 U.S.C. Section 5304(1)). Other entities may participate as sub-grantees. For more information and to apply, click here. **Application deadline: April 23, 2021**

Landscape Conservation Catalyst Fund

The Network for Landscape Conservation is pleased to announce the 2021 funding round of the Landscape Conservation Catalyst Fund. The Fund strives to accelerate the pace and practice of landscape conservation across the United States by making strategic investments in strengthening the collaborative capacity and process of place-based, community-grounded Landscape Conservation Partnerships. The Fund invites Partnerships that are led by Indigenous peoples, organizations, and communities to apply. **Application deadline: April 23, 2021**

2021 Wildlife Conservation Society Climate Adaptation Fund

The Fund strives to increase the pace and scale of impact in adaptation for wildlife and ecosystems by increasing innovation, accelerating learning, and mainstreaming proven adaptation approaches. The Fund will provide up to \$2.5 million in competitive grants in 2021. Awards will be made to non-profit conservation organizations applying for adaptation implementation and adaptation mainstreaming projects. **Application deadline: April 28, 2021**

National Park Service's Tribal Heritage Grants Program (THG)

National Park Service's Tribal Heritage Grants Program focuses on protecting oral histories, plant and animal species important in tradition, sacred and historic places, and enabling the establishment of tribal historic preservation offices. The THG Program is funded by the Historic Preservation Fund and is administered by the NPS. Congress has appropriated \$500,000 for the THG Program for FY2020. **Application deadline: May 5, 2021**

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>

March 2021

Virtual Conference: March 25-26 **We Still Remain Conference**

Hosted by the Native Nations Institute at the University of Arizona, and the American Indian Studies Department at the University of North Carolina at Pembroke, this two-day conference will gather Indigenous and non-Indigenous students and scholars from education, social sciences, STEM, and humanities to examine areas of tension in research affecting Southeast Indigenous communities.

Webinar: March 26, 11:00am (PDT) **International Indian Treaty Council (IITC): Protecting and Restoring Our Traditional Food and Ecosystems – Knowledge-Sharing with Indigenous Peoples**

IITC will present the 3rd webinar in their Protecting and Restoring Our Food and Ecosystems: Practical Knowledge Sharing with Indigenous Peoples series.

Virtual Meeting: March 29 - April 1 **To Bridge a Gap Meeting**

Co-hosted by the U.S. Forest Service and the Delaware Nation. The Bridge A Gap Meeting was established in 2001 to strengthen government-to-government relationships between the U.S. Forest Service and with federally recognized Tribal governments on a variety of cultural and natural resource management issues. General sessions will cover topics on NAGPRA, Historic Preservation, Tribal Areas of Interest, Tribal engagement and collaboration, and cultural and natural resources.

Virtual Event: March 30, 5:00-6:30pm (PDT) **The Next 25-Years: Building a Climate-Resilient Future**

This event is hosted by the University of Washington Climate Impacts Group and will bring together scientists, community members and partners to imagine, brainstorm and plan for the next 25 years.

Webinar: March 31, 10:00am (MDT) **North Central Tribal Climate Webinar**

Dr. Valerie A Small (Apsáalooke) has conducted interdisciplinary research incorporating TEK with western science to look at the impact of invasive species on culturally important species on Crow lands. She was a co-author on the most

recent National Climate Assessment and now works at the intersection of climate and land management as National Programs Director at Trees, Water & People.

Webinar: March 31, 1:00pm (ET) **Advancing the NFWPCAS into a New Decade**

Join us for a webinar reviewing the new report [“Advancing the National Fish, Wildlife, and Plants Climate Adaptation Strategy into a New Decade.”](#) How has climate science and the practice of adaptation changed since the Strategy was first published? Have natural resource plans been influenced by Strategy goals? What's next for the Strategy as we look to the future? Join report contributors for a presentation and panel discussion.

April 2021

Virtual Summit: April 1st **Session III: Empowering Youth**

The Affiliated Tribes of NW Indians (ATNI), National Congress of American Indians (NCAI), United South and Eastern Tribes (USET), and Pacific Northwest Tribes are hosting the National Tribal Leadership Climate Change Summit from October 2020 to May 2021. Young people are leading efforts to take action. We invite Tribal youth to join us in building a climate movement in their Tribal communities, nationally, and around the world.

Virtual Conference: April 1-2 **2021 Climate Change & Culture in the Great Plains Conference**

Thirty years ago, in 1990, the Center hosted a conference called “Climate Change on the Great Plains,” which was described as “Looking Back from the Twenty-First Century at Impacts of Climate Change on the Great Plains.” We return to that topic three decades later. This conference is a free, Zoom event.

Virtual Course: April 5-30 **Physical Impacts of Climate Change & Adaptation Strategies**

In Spring 2021, the South Central Climate Adaptation Science Center at the University of Oklahoma will offer two short courses that will dive into the impacts of climate change and adaptation strategies. The courses are free and online, so anyone is eligible to participate. You will have the opportunity to learn from climate experts at OU and partner organizations.

Virtual Conference: April 6 **National Tribal Leadership Climate Change Summit: Tribal Youth Empowerment Session**

The Affiliated Tribes of Northwest Indians has exciting opportunities for Indigenous Youth during the youth track of this conference. This track session will follow the April 1st main session of the same theme. It is open to Indigenous youth ages 18-25. This youth session will highlight inspiring stories from Indigenous Youth across Turtle Island (and beyond) who are involved in climate advocacy and resilience work.

Virtual Conference: April 6-8 **11th Northwest Climate Conference**

The Northwest Climate Conference provides a unique opportunity to learn from and connect with a diverse community of experts fostering a more climate resilient Northwest. Topics include drought, wildfire, extreme events, coastal flooding, human and ecosystem health, and resiliency planning.

Virtual Conference: April 6-8 **2021 Southwest Adaptation Forum**

The Climate Science Alliance is proud to host the virtual 2021 SWAF in partnership with the Southwest Climate Adaptation Science Center. SWAF 2021 will bring together leaders, practitioners, and researchers from across the Southwest to explore efforts that are advancing climate change adaptation including hands-on activities, networking, and professional training.

Webinar Series: Hosted by Indige- FEWSS Native Voices in STEM

Upcoming webinars:

- **April 7, 3:00pm (PDT)**
Gloria Tom, Director of Navajo Nation Fish & Wildlife Department.
- **April 14, 3:00pm (PDT)**
Gary Morishima, Tribal Liaison Officer of the Quinault Indian Nation.
- **April 21, 3:00pm (PDT)**
Michael Kotutwa Johnson (Hopi) who will discuss the Native American Agricultural Fund.

Direct any questions to indige-fewss@email.arizona.edu

Upcoming Events Continued...

April 2021

Webinar Series:

[Building Resilience and Adapting to Climate Change Impacts for Drinking Water and Wastewater Utilities – CREAT Training](#)

Upcoming webinars:

- April 13, 8:00am (MST)
- April 15, 8:00am (MST)
- April 20, 8:00am (MST)
- May 4, 8:00am (MST)

Virtual Summit: April 19-21

[Shifting Seasons Summit: Sharing Adaptation and Resilience Knowledge Across Indigenous Communities](#)

The Shifting Seasons Summit is a gathering that focuses on climate resilience planning and implementation within Tribes and across Tribal ceded territories in the Northeast Region. This summit will include network-building opportunities and initiatives developed outside of the Northeast by capacity-building organizations, academic institutions and tribal nations.

Virtual Meeting: April 20-22

[18th Annual Climate Prediction Applications Science Workshop \(CPASW\)](#)

The CPASW will bring together a diverse community to share developments in research and application of weather and climate information for societal decision-making. NOAA's National Weather Service Climate Services Branch, Arizona State University, the Arizona State Climate Office, and many climate services partners are collaborating in the organization of the CPASW.

Webinar: April 28, 10:00am (MST)

[Navigating the Climate Adaptation Science Centers: A National Network of Climate Adaptation Support for Native Nations](#)

The National Park Service is hosting a webinar where tribal resilience liaisons from several CASCs will lead an introduction to the CASCs and the tribal resilience network. They will share some examples of cultural resource projects and efforts and share insights on how to engage with CASCs for support. This webinar is part of a larger series that promotes dialogue on climate change issues of importance to Tribal Citizens and Nations.

May 2021

Virtual Course: May 4-5, 9am-2pm (PDT) on both days

[Growing Compost to Grow your Food System](#)

The Institute for Tribal Environmental Professionals will be offering a new course and will be taught by presenters from a number of different tribes that have been successful in starting their own composting programs and using that compost to help them grow food on their reservation. This course is completely virtual and is for employees of federally-recognized tribes. **Application deadline: April 5, 2021.**

Virtual Conference: May 17-20

[National Tribal Forum on Air Quality \(NTFAQ\)](#)

ITEP and the NTFAQ Planning Committee have begun planning efforts for the 2021 NTFAQ. Stay tuned for more updates.

June 2021

Virtual Workshop: June 14-17

[IndigiData Workshop](#)

IndigiData is intended to serve as a one-week (4 days) Indigenous Data Science Education workshop each summer to introduce data science and informatics skills to tribal undergraduate and graduate students.

Virtual Conference: June 22-25

[Managed Retreat Conference](#)

This conference addresses a range of scientific, social, policy and governance issues around managed retreat (also known as strategic realignment and planned relocation). The conference, a major initiative of Columbia University's Earth Institute, will bring together stakeholders from the public, private and nonprofit sectors, together with academics, scientists, and community representatives, to help develop a common understanding of this complex issue, and move the needle toward equitable solutions.

January 2022

Virtual Conference: Jan. 19-21

[Southwestern Tribal Climate Change Summit](#)

The Climate Science Alliance, in partnership with the La Jolla Band of Luiseño Indians and the Pala Band of Mission Indians, is excited to announce the 2022 Southwestern Tribal Climate Change Summit. This event will be

a three-day gathering, with engaging discussions and activities centered around the kinship with fire and its role in community, conservation, and climate change adaptation.