



# Institute for Tribal Environmental Professionals



Tribes & Climate Change Newsletter

2021 April

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.



Lake Mead

## Meet the Climate Change Team

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Water is Life. Photo courtesy of Colleen Cooley

*Tó éí iiná. Mní Wíçóni. Paatuwaqatsi.  
Water is Life.*

There are many ways to say “Water is Life” and while reading this, I hope you can say it out loud in your own language. Living in the southwest and growing up on the Diné Bikéyah (Navajo land), I have been keenly aware of how precious water is. Growing up in a household that did not have running water and hauling water anywhere from 10-30 miles one way, makes you appreciate every drop. Watering the crops and animals before you took your weekly outdoor bath was common enough to ensure you were always thinking about how long the rest of the water in the barrels would last. Have you ever taken two 4 gallon buckets outside in freezing weather so you can have water to wash your hands, dishes, drink and cook with? Or having to refill the buckets at least four times a day during the hot, dry summers? I’m sure some of you have. This is the reality of what not only my family goes through but countless families on the reservation where there is a serious lack of water infrastructure to provide basic needs for living: water. What separates my family from others is that we have the means and capacity. We are fortunate to say the least.

With climate change, we are all too familiar with how everything and everyone is heavily impacted. Of course, we know those who are financially well off feel the impact less if not at all. The same goes for those who live in developed areas where services such as emergency personnel and institutions, grocery stores, gas, etc., are readily available.

All the same, we are feeling the impending doom of water shortages but yet the world around us is set on building bigger and more. Where I live, bigger houses are being built and my children and I wonder, how many family members do they have? I ask myself, what about the elk, deer and other wildlife that are losing more and more of their environment that is increasingly being fragmented by development. It truly does make me worry for their future and I wonder what I could be doing more but feeling helpless at the same time. Especially when you read that the [Colorado River reservoir](#) faces record shortages...again. How can we feel hope when such depressing news faces us each day?

As an optimistic person by nature, I ask you to look to our relatives that are doing really good work. As my partner says to me when things get hard, just chip away at it. I put one foot in front of the other each day and look for hope. Let’s all find hope in each of our days because we all have to keep going because our relatives need us to. Let’s keep learning, educating and doing.

[Nalgene Water Fund](#)

[Podcast: Come Rain or Shine Series, Climate Hope](#)

[Mni Wiconi: Stand with Standing Rock](#)

[‘But When You Come From Water’](#)  
Online Exhibition

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-Sheete**  
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 Adaption Science Center & Aleutian Pribilof Islands Association

**Chas Jones**  
Northwest Climate Adaption Science Center & Affiliated Tribes of Northwest Indians

**Sara Smith**  
Northeast Climate Adaption Science Center & College of Menominee Nation

**Stefan Tangen**  
North Central Climate Adaption Science Center & Great Plains Tribal Water Alliance

**April Taylor**  
South Central Climate Adaption Science Center & Chickasaw Nation

**Casey Thornburgh**  
Northeast/Southeast Climate Adaption Science Center & United Southeastern Tribes

**Althea Walker-Ortiz**  
Southwest Climate Adaption Science Center & American Indian Higher Education Consortium



# In The News

## [Tribal Advocates See Opportunity in Historic Stimulus Package](#)

The American Rescue Plan offers over \$31 billion to tribal governments. The Frontline dives into how this funding can help tribes invest in clean energy, water infrastructure, and language preservation, which are all essential to preparing for the climate crisis. © Atmos, 03/24/21

## [White House Announces Environmental Justice Advisory Council Members](#)

Today, the White House announced the members of the White House Environmental Justice Advisory Council. The advisory council will provide advice and recommendations to the Chair of the Council on Environmental Quality (CEQ) and the White House Environmental Justice Interagency Council on how to address current and historic environmental injustices, including recommendations for updating Executive Order 12898. © The White House, 03/29/21

## [The 'slow-motion genocide' of the Chinook Indian Nation](#)

For over 120 years, the Chinook Indian Nation has been trying to prove its sovereignty to the United States government by seeking formal federal recognition. Official status acknowledges the tribe's sovereignty and the federal government's obligations to it as generally outlined in treaties. © The High Country News, 04/01/21

## [Fond du Lac Band Wins Halt to Copper Mine](#)

The Fond du Lac Band of Lake Superior Chippewa is breaking new ground in its fight a planned \$1 billion PolyMet copper mine in northern Minnesota. Asserting its rights as a "downstream state" under the Clean Water Act, the Fond du Lac Band filed a federal lawsuit in 2019 against the U.S. Army Corps of Engineers and the Environmental Protection Agency. The Army Corps of Engineers responded by issuing a decision temporarily halting wetlands permits the agency previously provided to the PolyMet Mining Corporation that had allowed it to move ahead with the mine project. © Indian Country Today, 04/05/21

## [Tensions Rise in Water Battle Along Oregon-California Line](#)

One of the worst droughts in memory in a massive agricultural region straddling the California-Oregon border

could mean steep cuts to irrigation water for hundreds of farmers this summer to sustain endangered fish species critical to local tribes. The U.S. Bureau of Reclamation, which oversees water allocations in the federally owned Klamath Project, is expected to announce this week how the season's water will be divided up after delaying the decision a month. © AP News, 04/12/21

## [17 Young People on the Moment the Climate Crisis Became Real to Them](#)

Watching *An Inconvenient Truth* in your middle-school science class. Hearing Greta Thunberg's calls to join weekly school strikes. Driving away from smoldering wildfires engulfing dry California hillsides. These are some of the moments that made young people realize the climate crisis will define their lives – and the future of human life on Earth. We've heard the facts so many times that it's easy to become numb to them. © Teen Vogue, 04/12/21

## [A revival of Indigenous throat singing](#)

Inuit throat singing was at risk of extinction after years of erasure by colonists and missionaries, but Shina, who was born in Nunavik and now lives in Montreal near the banks of the St Lawrence River, is sharing the tradition for a new generation.

© BBC, 04/15/21

## [Secretary Haaland Established Climate Task Force, Strengthens Scientific Integrity](#)

Secretary of the Interior Deb Haaland today issued two Secretarial Orders to prioritize action on climate change throughout the Department and to restore transparency and integrity in the Department's decision-making processes. SO 3399 establishes a Climate Task Force to coordinate work across the Department, including accelerating renewable energy development and identifying actions to foster investments in energy communities. © U.S. DOI, 04/16/21

## [Grassroots effort provides solar power to 12 off-grid HPL homes](#)

Working around the clock using the Coronavirus Aid, Relief and Economic Security Act funds, Navajo Tribal Utility Authority was able to connect 737 families to the electrical grid and provide 3,000-kilowatt solar power sys-

tems to another 294. © Navajo Times, 04/16/21

## [The Yurok Tribe Is Using California's Carbon Offset Program to Buy Back Its Land](#)

In January, the Yurok Tribe in California bought a 40-acre farm. Located next to an elementary school and the tribe's Head Start program, the farm will serve as an outdoor classroom for children as well as a source of organic produce for the tribe. This will not only help address the food insecurity exacerbated by the COVID-19 pandemic, but it is also part of the tribe's bid to reclaim its ancestral territory.

© Yes Magazine, 04/19/21

## [Indigenous Workers are Escaping 'Toxic' Fossil Fuel Jobs](#)

For many indigenous peoples, oil and gas work is the only good-paying job around. But clean energy leaders are trying to change that. In the small Indigenous community where Randall Benson grew up, oil and gas is one of the only employers. The Alberta hamlet of Anzac is just a short drive south of the Canadian oil sands, and with few other options in the area, many of Benson's friends and family went to work for an industry where vast areas of Boreal forest are strip-mined to get at the tarry crude oil bitumen underneath. © Vice, 04/20/21

## [As a Megadrought Persists, New Projections Show a Key Colorado River Reservoir Could Sink to a Record Low Later this Year](#)

Wracked by drought, climate change and overuse, a key reservoir on the Colorado River could sink to historically low levels later this year, new US government projections show, potentially triggering significant water cut-backs in some states as early as next year. The projections released by the US Bureau of Reclamation show that Lake Mead – the largest reservoir in the country and a vital water supply to millions across the Southwest – could fall later this year to its lowest levels since it was filled in the 1930s. © CNN, 04/21/21

# Resources

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## **New Brief Discusses Cultural Burning and the Relationship with Fire**

The Southwest Climate Adaptation Science Center (SW CASC) has developed a brief that summarizes and synthesizes the current state of knowledge regarding cultural burning. The brief describes what cultural burning is, its history, its benefits for ecosystems, barriers and opportunities to restoring cultural burning, and recent SW CASC research and efforts to use cultural burning as a climate adaptation strategy. To view the brief and other cultural burning resources, click [here](#).

## **Environmental Protection Agency's (EPA) Sanitary Survey App for Marine and Fresh Waters**

EPA announced the release of its improved mobile app to help communities identify potential sources of pollution to recreational waters. Community scientists and other members of the public can now use the app to collect and share data on potential sources of fecal pollution and information on potential harmful algal bloom (HAB) events in local surface waters. To review the app, click [here](#).

## **Alaska's Changing Wildfire Environment**

An overview of Alaska's vast, complex, and changing wildfire environment. Highlights recent wildfire trends in Alaska, their impacts to humans and wildfire, and the strong relationship between wildfire managers and scientists to improve fire-related decision making. To read the report, click [here](#).

## **NPS Report: Ecological Risk Assessment of Managed Relocation as a Climate Change Adaptation Strategy**

The National Park Service (NPS) report and accompanying worksheet describe protocols to help evaluate the ecological risks of managed relocation as part of planning and decision making. The risk analysis process does not dictate a decision; rather, the protocols and accompanying spreadsheet seek to help a decision maker structure a process to inform decisions. To read the report, click [here](#).

## **Development of a Climate Change Vulnerability Map for Bodies of Water in the Midwestern U.S.**

A Northeast CASC-funded study assessed the vulnerability of climate change from a land management perspective and identified where the most extreme changes might occur. The map can be used by managers to better understand the effects that projected climate scenarios may have on the hydrology of the areas they work with. These forecasts will allow for decision makers and landowners to prepare for future effects to aquatic habitats in the Midwest. To review the article, click [here](#).

## **Woodlanders: A Crowd-Funded Film Series Documenting Forest Cultures**

Woodlanders is an online film series that seeks to document the work of people who care for and depend on forests for their livelihood and well-being throughout the world. To view the film, click [here](#).

## **Renewable Energy Online Learning**

Tribal leaders and professionals can access online curriculum on developing and financing renewable energy projects on tribal lands below. The courses are available as webinars that can be watched at any time. Foundational courses provide an overview of renewable energy technol-

ogies, strategic energy planning, and grid basics. Courses are presented by technical experts from DOE's National Renewable Energy Laboratory and partnering organizations. To review the curriculum, click [here](#).

## **2020 Annual Climate Adaptation Science Center Summary**

In Fiscal Year 2020, the National and Regional CASCs worked closely with partners and stakeholders to accomplish a multitude of science-based achievements. Some highlights include creating a framework for measuring the ability of plants and animals to adapt to climate change, integrating climate science with local knowledge in Hawai'i, providing climate-related trainings for students and professionals, incorporating scenario planning into national monument adaptation planning and more. To read the summary, click [here](#).

## **New UN Report Shows Evidence that Indigenous and Tribal People are the Best Guardians of the Forests of Latin America and the Caribbean**

Based on a review of more than 300 studies published in the last two decades, the new report reveals for the first time the extent to which science has shown that Indigenous and Tribal Peoples have generally been much better guardians of their forests when compared to those responsible for the region's other forests. The research also suggests that their protective role is increasingly at risk, at a time when the Amazon is nearing a tipping point, with worrisome impacts on rainfall and temperature, and, eventually, on food production and the global climate. To read the report, click [here](#).

## **New Report on Sagebrush Conservation and Management**

The Western Association of Fish and Wildlife Agencies coordinated an effort with the U.S. Fish and Wildlife Service, Bureau of Land Management, U.S. Geological Survey, state wildlife agencies and universities to provide a comprehensive assessment of the sagebrush ecosystem in the Sagebrush Conservation Strategy – Challenges to Sagebrush Conservation report. To review the report, click [here](#).

## **New Toolkit Helps Managers Create Connected Landscapes Robust to Climate Change**

Connecting fragmented landscapes is a key conservation tool for ensuring the long-term health and survival of otherwise isolated plant and animal species. The Association of Fish and Wildlife Agencies worked with state and federal agencies, including the National Climate Adaptation Science Center, to develop the Connectivity and Climate Change Toolkit, a guide for creating climate-smart habitat connectivity initiatives. To review the toolkit, click [here](#).

# Job & Internship Opportunities

## CivicSpark and Climate Action Corps Fellowships

CivicSpark and Climate Action Corps are looking for early professionals eager to tackle the climate crisis and build community resilience to join the 20-21 Fellow service year cohort. Both of these national service programs offer a unique opportunity for emerging professionals passionate about environmental and community resilience to build experience in the sector. **Application deadline: April 30, 2021**

## The Washington Sea Grant Hershman Fellowship

The Washington Sea Grant Hershman Fellowship offers a unique educational opportunity for soon to graduate and recently finished graduate students in ocean, coastal, and policy issues. This one-year paid fellowship matches qualified individuals with host agencies, nonprofits, and tribes throughout Washington. Fellows gain first-hand experience supporting marine science, conservation, and policy work and opportunities to share their academic expertise with their host offices. **Application deadline: May 3, 2021**

## Environmental Technician with the Kletsel Dehe Wintun Nation

Under the supervision of the Environmental Director for the Kletsel Environmental Regulatory Authority, the Environmental Technician primarily performs environmental monitoring, sampling, reporting, environmental assessments and data entry & analysis duties for the Nation and its environmental programs and is funded under one or multiple areas of EPA's Environmental Categorical Divisions. Interested persons can submit their completed employment application packet including tribal employment application and resume to [connie.gomez@kletseldehe.org](mailto:connie.gomez@kletseldehe.org) **Application deadline: May 7, 2021**

## Na'ah Illahee Food Sovereignty Fund

Na'ah Illahee Fund is excited to announce the newest funding opportunity! This grant is to fund projects that aim to revitalize Indigenous lifeways and create access to traditional foods and medicines through community programming, workshops, and skill sharing. Grant recipients will receive up to \$25,000. Examples of eligible projects include: community gardens and food forests, sacred seed sharing and saving, creating educational materials geared towards food sovereignty, among many others. **Application deadline: May 14, 2021**

## BIA Tribal Climate Resilience Program's Youth Art Contest

The Tribal Resilience Program recognizes the importance of engaging our youth to sustain a resilient future for all Tribal Nations and Alaska Native Villages. For the visual arts and photo contest, draw, paint, or take a picture of something you value in your community that may be a risk, or vulnerable. Include a caption for your art describing the current impact – and what might be done about it. Submit all captioned art, and any questions by email to [Youth.Art.Contest@nia.gov](mailto:Youth.Art.Contest@nia.gov). **Submission deadline: May 14, 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**

## Hopi Tutskwa Permaculture 10-week Internship

Spend 10 weeks developing leadership skills and capacity to strengthen food, housing, and farming initiatives within the Hopi community. Applicants must be 18+ years old, possess a high school diploma or GED, be self-motivated and commit to

40 hours/week. Benefits include \$513 bi-weekly living allowance, professional development, and educational scholarship or end of service stipend. **Application deadline: May 17, 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**

## Elders' Indigenous Climate Fellowship

The Climate Science Alliance team is excited to share the launch of a new initiative with partners at Sacred Places Institute for Indigenous Peoples. The Elders' Indigenous Climate Fellowship is a unique opportunity to provide support for a Tribal Elder to participate, advise, and support the Climate Science Alliance team and partners to elevate and incorporate the critical voice, perspective, and deep knowledge from Indigenous communities into projects and programs. **Application deadline: position open until filled**

## National Indian Health Board (NIHB): Public Health Project Coordinator

The NIHB seeks an experienced public health professional to work on current and future public health projects and initiatives. The position will have a focus on emergency preparedness and response and will work with a Public Health Program Manager, Director and Deputy Director of Public Health Policy and Programs Department to coordinate NIHB's response to current and future public health threats and emergencies, such as COVID-19. **Application deadline: position open until filled**

## 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**

## Water Resources Community Science Outreach Coordinator

The Louisiana Sea Grant College Program seeks a coordinator that will collaborate across multiple federal agencies on items of relevance to community/citizen science and water resources. Over the course of four years, this individual will bridge community science efforts across and within the EPA, NOAA, the USGS, and the National Sea Grant Network. **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/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](http://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/>

### 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**

### FY2021 Environmental Justice Small Grant Program

The U.S. Environmental Protection Agency has announced the availability of up to \$6 million in grant funding. Special consideration will be given to the following focus areas: 1) addressing COVID-19 concerns faced by low-income communities and communities of color 2) climate change and natural disaster resiliency outreach and planning 3) new applicants to either opportunity 4) port initiative to assist people living and working near ports across the country 5) small non-profits. **Application deadline: May 7, 2021**

### Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program

The U.S. Environmental Protection Agency has announced the availability of \$3.2 million in grant funding. This funding announcement prioritizes projects focused on COVID-19 impacts, as well as climate and disaster resiliency. The EJCPS Cooperative Agreement Program provides funding to support community-based organizations in their efforts to collaborate and partner with local stakeholder groups as they develop community-driven solutions that address environmental and/or public health issues for underserved communities. **Application deadline: May 7, 2021**

### Association of Fish & Wildlife Agencies and Partners Seek Nominations for the Climate Adaptation Leadership Awards

Nominations are now open for the Climate Adaptation Leadership Award which recognizes outstanding efforts to increase the resilience of American's valuable living natural resources and the many people, businesses, and communities that depend on them. The Association of Fish & Wildlife Agencies and its members and partners are seeking nominations from individuals, agencies, businesses, and other organizations to recognize exemplary leadership to reduce

impacts and advance adaptation of the Nation's vital natural resources in a changing climate. **Nomination deadline: May 16, 2021**

### CAL FIRE Fire Prevention Grants Program

CAL FIRE's Fire Prevention Grants Program provides funding for projects and activities that address the risk of wildfire, reduce wildfire potential, and increase community resiliency. Funded activities include hazardous fuel reduction, wildfire prevention planning, and wildfire prevention education with an emphasis on improving public health and safety while reducing greenhouse gas emissions. **Application deadline: May 19, 2021**

### The National Forest Foundation (NFF) Matching Awards Program

The NFF Matching Awards Program (MAP) provides funding for results-oriented on-the-ground projects that enhance forest health and outdoor experiences on National Forests and Grasslands. The current NFF strategic plan focuses on the Program Areas of Outdoor Experiences and Forest Health. By pairing federal funds provided through a cooperative agreement with the U.S. Forest Service with non-federal dollars raised by award recipients, MAP measurably multiplies the resources available to implement stewardship projects that benefit the National Forest System. **Application deadline: June 9, 2021**

### U.S. Fish & Wildlife Service 2021 Tribal Wildlife Grants Program

The U.S. Fish and Wildlife Service is pleased to announce the availability of funding through the Tribal Wildlife Grants (TWG) Program. The TWG Program was created to support the development and implementation of programs for the benefit of wildlife and their habitats and species of Tribal cultural and traditional importance, including species that are not hunted or fished. Many of the TWG Program-funded project activities increase fish and wildlife populations, allowing for hunting and fishing opportunities on and off Tribal lands. **Application deadline: June 18, 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>

## April 2021

### **Virtual Conference: April 27-30** **[The Midwest Tribal Energy Resources Association \(MTERA\) 2021 Virtual Annual Conference](#)**

MTERA with support from the National Renewable Energy Laboratory and RENEW Wisconsin, will be hosting a four-day virtual conference with the theme of Tribes at the Energy Forefront. Hear from Tribal leaders, federal and state agencies, educators, and energy industry experts as they discuss successful Tribal energy projects, state and federal energy policy, and strategic energy planning to help Tribes advance beneficial energy initiatives.

### **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

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

#### **Upcoming webinar:**

-May 4, 8:00am (MST)

### **Virtual Roundtable Discussion:** **May 5, 2:30-4:30pm ET** **[Funding and Financing Tribal Energy Projects](#)**

Ms. Wahleah Johns, Senior Advisor and Acting Director of the U.S. Department of Energy (DOE) Office of Indian Energy, and Mr. Jigar Shah, Executive Director of the DOE Loan Programs Office, invite you to participate in a 2-hour roundtable discussion session. This session welcomes all tribal leaders and staff responsible for energy and utility programs, economic and enterprise development, and

finance; related tribal non-profits and associations; and industry, including banks, equity investors, and energy developers.

### **Virtual Conference: May 6** **[Using Soil Moisture Information to Better Understand and Predict Wildfire Danger: A Symposium for Researchers and Fire Managers](#)**

NOAA and the National Integrated Drought Information System (NIDIS), in partnership with the South Central Climate Adaptation Science Center, are hosting a virtual symposium highlighting the latest advances in soil moisture information used for predicting wildfire dangers. This event is open to researchers and fire managers across the nation and aims to provide attendees with connection and other research opportunities.

### **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.

### **Virtual Conference: May 20 & 21** **[Tribal Water in the Southwest](#)**

This year we again have brought together a group of speakers well versed in the significant Tribal water issues in the Southwest, who will provide their insight in what has happened in the past year and how to navigate what is expected to occur in the next few years. Speakers from the Administration will provide updates on what has been accomplished and can be accomplished going forward.

## 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.

### **Workshop: June 15-17** **[Inter-Tribal Emergency Management Coalition](#)**

Shawnee, OK. Save the date. More information to be announced.

### **Virtual Conference: June 21-22** **[Mobilizing Decolonial Praxis](#)**

This conference will premiere critical Indigenous education efforts that mobilize a decolonial praxis in schools and communities serving Indigenous students. The goals of the conference are to: 1) share ITEP teachers' efforts in indigenizing and decolonizing curriculum and pedagogy; 2) contextualize the ways in which educators develop a critical Indigenous consciousness that engages justice-centered pedagogies; and 3) create opportunities for participants to engage critical dialogues that furthers the goal of mobilizing decolonial praxis.

### **Virtual Conference: June 21-24** **[9th World Conference on Ecological Restoration](#)**

This four-day meeting will bring together restoration professionals and students from around the world and provide a lively forum for networking and knowledge exchange. We invite participants from across the field of ecological restoration, including academics, researchers, practitioners, students, artists, economists, advocates, legislators, regulators, and others who support the field to join us virtually, to connect learn, and work towards catalyzing global change as we start the UN Decade on Ecosystem Restoration.

### **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.

## Upcoming Events Continued...

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### July 2021

#### **Virtual Event: July 12-16**

##### **[Tribal Climate Resilience Camp](#)**

The United South and Eastern (USET) Tribal Climate Resilience Camp will support teams of Tribal leaders, climate change coordinators, planners, and program managers to build skills, gather information, and develop Tribal policies and plans needed for Tribal Nations to address climate change impacts. Registration is open until May 31st or until all slots are filled.

#### **Virtual Conference: July 22-29**

##### **[Native Youth in Food and](#)**

##### **[Agriculture Leadership Summit](#)**

The 2021 Native Youth in Food and Agriculture Leadership Summit is open to American Indian, Alaska Native, and Native Hawaiian youth, ages 18-24. This year's Summit will build on previous Summits but will be more intensive. The 2021 Summit will be a skills-development focused event that will give attendees an opportunity to do a deep dive in a particular area of food and agricultural production or policy.

#### **Virtual Conference: July 28-30**

##### **[Summer Institute for Climate Change Education](#)**

The Climate Literacy & Energy Awareness Network is leading of cohort of educators to the Summer Institute for Climate Change Education, hosted by Climate Generation in partnership with NOAA's Climate Program, and The Wild Center's Youth Climate Program. You will gain the skills, tools, and resources to teach climate change concepts and empower students in all subject areas, and receive on-going support throughout the year.

### August 2021

#### **Virtual Conference: August 16-19**

##### **[2021 Tribal Lands and Environment Forum](#)**

Save the Date. Stay tuned for more details. [Proposals](#) for this event are being accepted for this virtual event until May 14, 2021.

#### **Virtual Conference:**

##### **August 30 - September 1**

##### **[Water Resources Research Center 2021 Virtual Annual Conference](#)**

We are excited to announce the dates for the WRRRC 2021 Annual Conference, Tribal Water Resilience in a Changing Environment. In addition to three-hour

sessions each day, we plan to offer some special pre-conference programming. The first session will be held on Monday afternoon from 1-4pm Arizona time, with the following two sessions being held in the morning. Please save the dates, check back for updates on the program, and contact us for sponsorship opportunities.

### 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.