



Institute for Tribal Environmental Professionals



Tribes & Climate Change Newsletter

2021 May

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.



Corn in Belize. Photo courtesy of Colleen Cooley

Meet the Climate Change Team

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Corn in Shonto, 2020. Photo courtesy of Colleen Cooley

The past few weeks in Northern Arizona has been very windy. So windy, chaos ensued. Temporary power outages, broken trees, trash taking flight and settling in other areas, people cursing the wind across town and unnecessary hair blowouts. Unlike most people, I enjoyed the wind and the blessings it brought. Yes, seriously, I am not being sarcastic. I took my kids and dogs on a walk down the road and the wind blew so hard my kids had to walk behind me. The wind shouted so loud; we couldn't hear one another speak so we walked with our heads bowed in our own silence. The wind then blessed us with sand and plant debris embedded in our hair and exfoliated our skin. You're probably curious as to why I would enjoy the wind. Well, like many times before, I complained about the wind in front of my father. He took in my complaint and quietly said "Humans should not curse the wind because they are only doing their job. The wind is sweeping the earth preparing for the planting season and testing our resilience." And since then, I have not complained and have embraced the wind. So, I try to remind others of this teaching but sometimes it is easier to complain about the challenges we are faced with to make ourselves feel better. When we actively curse the elements, we are cursing the very foundation that provides life. Now don't get me wrong, the other day, I did enjoy the absence of 45 mile per hour winds as I picked up trash that had blown onto our property. My hair was definitely easier to brush the next day.

As we move into the planting season, I ask you to talk and pray for the blessings the earth, water and air provide. As you begin to plant or harvest, give gratitude by talking to your plants. This weekend, my siblings, kids, and I plan to do just that as we look forward to planting our parents' field with corn, squash, and melons. We will rise before the sun, say our prayers, feed the animals and head out to the field. We will ask our children to put the seeds into the ground because the Elders say the young ones are pure of heart and good intentions.

I encourage you to move into the next month with a good heart, soul and intentions. Remember to be kind to yourself and to others. Enjoy your time with family and be safe.

[Film & Panel: Inhabitants: An Indigenous Perspective](#)

[Red Feather Development Group](#)

[NDN Collective](#)

[Cultural Survival](#)

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

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Federal Agency Representatives:

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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

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

[So you want to acknowledge the land?](#)

It is sad that the simple acknowledgment of stolen land and centuries of historical and cultural erasure feels like progress. For Indigenous students at the University of Arkansas, our institution's recently adopted land acknowledgment doesn't even begin to address the lack of representation of Native people in northwest Arkansas. © High Country News, 04/22/21

[Beavers Are Firefighters Who Work for Free](#)

Since Kenneth McDarment was a kid in the 1980s, he's seen the foothills of the Sierra Nevada change. As a councilman of the Tule River Tribe, a sovereign nation of around 1,000 members living on 56,000-odd acres in the foothills of the Sierras, McDarment deals with everything water-related on the reservation. Today there's less rain and less snow than there was even a decade ago, which means that the land in the foothills was dangerously dry during the last fire season, when wildfires were sweeping across the state. © Sierra Club, 05/04/21

[A path to getting Native lands back](#)

Mary Big Bull-Lewis is taking a creative approach to returning ownership of the land and its stories to Native people. All around her, Big Bull-Lewis sees similar stories of a Native history covered up by settler transfiguration. Her hometown itself, Wenatchee, takes its namesake from the Wenatchi people, tweaking only a few letters. Yet it's not unusual for non-Native locals to have never heard of the Wenatchi people at all. Therein lies the problem: Their stories aren't told. © High Country News, 05/06/21

[Klamath Basin water crisis: A microcosm for climate change in the West](#)

A conflict over access to water in the Klamath Basin is signaling the way climate change could play out across the western United States. After a drier-than-normal spring, farmers and indigenous tribes in the Klamath Basin are at odds over water in Upper Klamath Lake. © KGW8, 05/11/21

[Michigan Tribe Banishes Enbridge Line 5 Pipeline](#)

The Bay Mills Indian Community tribal council voted to banish Enbridge's Line 5 pipelines from the reservation as well as land and waters of their ceded territory as efforts grow to fight

the controversial Michigan project. The resolution approved by the tribe's executive council on Monday, May 10, comes on the eve of a shutdown order issued by Michigan Gov. Gretchen Whitmer that would terminate the company's 1953 easement to cross the lakebed under the Straits of Mackinac. © Indian Country Today, 05/11/21

[The Gila River Indian Community Innovates for a Drought-Ridden Future](#)

A riverbed that has been parched since the end of the 19th century - a portion of the historic lifeblood of the Gila River Indian Community - is now coursing again with water, luring things like cattails and birds back to its shores. "You add water and stuff just immediately starts coming back naturally. Birds have returned and it's just such a different experience," say Jason Hauter, an attorney and a community member. "It's amazing how much has returned." © High Country News, 05/13/21

[Indigenous co-management essential for protecting, restoring Bears Ears region](#)

Indigenous subsistence of the Bears Ears region modified the landscape, leaving ecological legacies that persist today. A blend of Indigenous knowledge and western science can be used to build management plans for effective stewardship of the region's botanical and cultural resources.

© Science Daily, 05/17/21

[It's High Time We Listen to Indigenous Women on Climate](#)

For the first time in history, with the appointment of Deb Haaland as the Secretary of the Interior, the protection of natural lands in the United States falls under the leadership of an Indigenous woman native to the lands she is called to defend. While this momentous selection had been supported by diverse groups from across the country, it begged the question: What took so long for Americans to recognize the importance of Native perspectives in protecting the land? © Dame Magazine, 05/18/21

[Silent no more: Klamath Tribes want voice heard on water basin issues](#)

Based on the lowest inflows to Upper Klamath Lake in recent memory, the Bureau of Reclamation announced last Wednesday that no water would be available to the Klamath Project

from the lake this summer. Normally, that water satisfies more than 150,000 acres of farm and rangeland, along with wetland habitat at Lower Klamath National Wildlife Refuge for millions of migrating birds on the Pacific Flyway. This is the first year in the Project's 100-plus-year history that a majority of its farmers will receive no irrigated water. © Oregon Live, 05/18/21

[Earth Notes: Hopi Activist Works to Rematriate Displaced Seeds](#)

For the Hopi, seeds are considered kin and treated as such. They root people to their land and cultural traditions. Women are entrusted with seed stewardship, carrying for them like one might care for a close relative. These stewards pass the seeds to the next generation as part of a collective inheritance. © KNAU, 05/19/21

[Along the Columbia River. Making a Monument of Land](#)

Using architectural models, blueprints, correspondence, interviews, geological surveys and other archival materials, "Along the Columbia River" is the first retrospective to outline the scope and impact of the Confluence Project, a Washington-Oregon nonprofit that seeks to educate the public about the river system's significance through the voices of Northwest tribes and to counter the myth that Lewis and Clark "discovered" this land. © New York Times, 05/20/21

[The Man Who Sees a Future Where Indigenous Foods Are as Ubiquitous as Burgers](#)

When Owamni by The Sioux Chef (Sherman's educational and catering business) begins serving in early June, the fare will be made exclusively with Indigenous ingredients and without any colonial ones—meaning no wheat flour, cane sugar, dairy, beef, pork, chicken, or other foods that did not exist in America before white people stepped onto this soil. © Esquire, 05/20/21

[Declining Lake Powell levels prompt Colorado River states to form new plan](#)

Lake Powell on the Colorado River is dropping rapidly amid one of the southwestern watershed's driest years on record. It's currently forecast to be at 29% of capacity by the end of September - the lowest level since the reservoir first started filling in 1963.

© Cronkite News, 05/21/21

Resources

National Report Recommends Air Quality Improvements and Shares Stories from Tribal Air Quality Programs

The National Tribal Air Association (NTAA) published the Statutes of Tribal Air Report (STAR). The NTAA's STAR is an annual publication intended to provide an understanding of the importance and impact of Tribal air programs. Tribal needs, priorities, and recommendations are outlined, as well as the successes and challenges experienced by environmental professionals, which are highlighted by way of personal narratives submitted by the Tribes themselves. To review the report, click [here](#).

Rising to the Call: Indige-FEWSS Navajo COVID-19 Response Video

The COVID-19 pandemic amplified food, energy, and water insecurities in the Navajo Nation. Nearly 30% of Diné (Navajo) homes lack running water and 40% lack electricity. The Diné live in a rural food desert with only 13 grocery stores for nearly 200,000 tribal citizens living across 27,000 square miles. Diné citizens bear an enormous expense traveling up to 100 miles to haul water and get groceries. Lack of electricity results in indoor air pollution and respiratory illnesses due to coal and wood burning, reduces the quality of life, and limits educational/economic opportunities. Developing technical solutions to these challenges requires respectful and ethical partnerships with Indigenous communities and an understanding of Indigenous societies, governance, and culture. To view the video, click [here](#).

Mapping the US Energy Economy to Inform Transition Planning

This report seeks to inform transition planning by identifying the regions of the United States that will experience substantial economic changes due to a shift away from fossil fuels. These communities will require considerable attention and funding from federal policymakers to support employment, economic development, public finances, and more as the production and consumption of fossil fuels decline. To read the report, click [here](#).

Crisis Response and Recovery in Indian Country: Translating COVID Lessons Into Climate Emergency Preparation

Participate in the Tribal COVID-to-Climate Questionnaire being led by the Pala Band of Mission Indians' Tribal Climate Health Project, with funding from the National Indian Health Board's Climate Ready Tribes program. Completing the questionnaire will take approximately 30 minutes. To review the questionnaire, click [here](#).

Planning for a Changing Climate: Climate-Smart Planning and Management in the National Park Service

Planning for a Changing Climate guides National Park Service planners and managers in developing robust climate change adaptation strategies to better protect park resources and assets today and for future generations. The guide derives from Climate-Smart Conservation, the product of an interagency and nongovernmental organization partnership led by the National Wildlife Federation (NWF). This guide incorporates scenario planning concepts in the climate-smart framework to advance adaptation planning in the National Park Service. To review the guide, click [here](#).

Building Alliances for Equitable Resilience: Advancing Equitable Resilience Through Partnerships and Diverse Perspectives

The Resilient Nation Partnership Network was formed in 2015 to cultivate diverse relationships and bring new voices to the table to advance the resilience conversation. This continues to be at the core of the Network's efforts. The Network seeks to enable greater collaboration to increase collective impact nationwide. Powered by partnership, this resource was developed to deliver insights and perspectives as we work to achieve a more resilient nation. To review the report, click [here](#).

Exploring the Energy Transition on Tribal Lands, with Pilar Thomas

In this episode, host Daniel Raimi talks with Pilar Thomas, a partner at Quarles & Brady and a professor of the practice at the University of Arizona and Arizona State University. Thomas is an expert on energy development and environmental management on tribal lands and has served in the US Departments of Justice, Interior, and Energy. Raimi and Thomas discuss how different tribes are approaching fossil and renewable energy development, preparing for the energy transition, and addressing energy poverty on tribal lands. To listen to the podcast, click [here](#).

United Nations Economic and Social Council: Progress Towards the Sustainable Development Goals

In accordance with the General Assembly decision 70/1, this report provides a global overview of the current situation of the Sustainable Development Goals, based on the latest available data (as of April 2021) on the global indicator framework for the Sustainable Development Goals. It was prepared with inputs from over 50 international and regional organizations. To review the report, click [here](#).

ShakeAlert Earthquake Early Warning Delivery for the Pacific Northwest

Starting May 4, 2021, ShakeAlert(R)-powered earthquake early warning alerts will be available to more than 50 million people in California, Oregon, and Washington, the most earthquake-prone region in the conterminous U.S. The ShakeAlert(R) Earthquake Early Warning system is a network of sensors that collects and shares real-time information about the magnitude, location and expected shaking from earthquakes on the West Coast to distribution partners who then deliver alerts via cell phones and the internet. To view the system, 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](#).

Job & Internship Opportunities

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**

Full Circle Scholarship

The American Indian College Fund has been the nation's largest charity supporting Native higher education for 31 years. The Full Circle Scholarship supports American Indian and Alaska Native college students seeking technical, undergraduate and graduate degrees at tribal colleges and other nonprofit, accredited schools. **Application deadline: May 31, 2021**

Climate and Clean Energy Campaign Manager

Washington Environmental Council (WEC) is seeking a thoughtful, enterprising and people-oriented Climate and Clean Energy Campaign Manager to advance policy and campaigns that move the state to the next level for climate action. This work has three interwoven elements: establish equitable and impactful climate policy; deepen and expand relationships in community and across coalitions to advance climate action; and translate climate policies and campaigns into action. **Application deadline: June 4, 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**

2021 Ocean Awareness Contest

The 2021 Ocean Awareness Contest invites students ages 11-18 from around the world to explore water's connection to climate change, health, justice, and culture, and to creatively communicate the need to protect this vital resource through art. There are hundreds of cash awards available, ranging from \$50 to \$1,500. **Application deadline: June 14, 2021**

Communications Specialist - Bears Ears Inter-Tribal Coalition

The Communication Specialist is responsible for overseeing media and communications to engage with the Coalition's dynamic audiences, which includes informing and regularly updating Coalition members and partners; and building relationships with various communities to empower Indigenous voices, perspectives, and traditional knowledge for the dual purpose of uplifting the Coalition's mission and engaging with broader Indigenous issues pertinent to Bears Ears. **Application deadline: June 20, 2021**

Washington Sea Grant - Fisheries Specialist

The Fisheries Specialist will develop and coordinate strategies that advance the safety, economic success and environmental sustainability of Washington's fisheries and seafood sectors. The Specialist will promote collaborations among a diverse group of constituents and partners to deliver applied research, technical assistance, informational materials and training that support best

practices for safe and sustainable fisheries and seafood. **Application deadline: June 14, 2021 (priority) or until the position is filled**

Forests and Communities Program Manager

This position will work with the Forest Program Director and other staff to further develop and expand Washington Environmental Council's work on incentivizing management of private forests for environmental, economic, and social benefits. The Program Manager will work at a local level across Washington State to build diverse partnerships, identify incentives for sustainable forest management, help develop climate-smart wood supply chains, and partner with local communities to find win-win opportunities for forests, local economies, and people. **Application deadline: position open until filled**

Director of Natural Resources – The Hopi Tribe

The Department Director serves as the principal strategist, planner, and manager regarding the protection, management and effective utilization of the natural & cultural resources of the Hopi Tribe and related management systems/administrative operations, and is further responsible for providing professional level management oversight, direction and supervision of the major functional units and projects of the Department. **Application deadline: position open until filled**

Director, Native American Student Affairs

Under the Diversity & Inclusion Division, the Director for Native American Student Affairs supports the University of Arizona's efforts toward building and sustaining a diverse, inclusive and culturally vibrant campus, which fosters a pluralistic learning environment and a sense of belonging for students, with a particular emphasis on Native American and Indigenous students. **Application deadline: position open until filled**

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**

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

The National Estuary Program (NEP) Coastal Watersheds Grant Program

The NEP Coastal Watersheds Grant Program is a nationally competitive grants program designed to support projects that address urgent and challenging issues threatening the well-being of coastal and estuarine areas within determined estuaries of national significance. Project funding will range between \$75,000 and \$250,000, resulting in roughly three to ten subawards per funding year depending on the breakdown of the requests. **Application deadline: June 7, 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**

Coordination and Collaboration in the Resilience Ecosystem (CCRE) Grant

CCRE is focused on scaling climate adaptation resources and services to meet the growing demand from communities across the country to plan for and implement measures that build local and regional resilience to the impacts of climate change. This important work supports NOAA's mission of promoting climate resilience among U.S. communities and businesses, and aligns with the goals and objectives of the U.S. Climate Resilience Toolkit and its Steps to Resilience framework. **Application deadline: June 18, 2021**

Request for Proposals: Seed Funding for Centering Justice in Climate Research & Action

The Rising Voices Center for Indigenous and Earth Sciences is offering three \$5,000 awards to launch small-scale but impactful projects OR to support the time and effort to write a proposal for a large-scale project. Applications must demonstrate how the proposed work will bring together Indigenous and Earth sciences to address

pressing community-driven research and action. **Application deadline: June 25, 2021**

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USDA-NIFA Agriculture and Food Research Initiative Competitive Grants Program Sustainable Agriculture Systems (SAS)

Request for applications must focus on approaches that promote transformational changes in the U.S. food and agricultural system. NIFA seeks creative and visionary applications that take a systems approach for projects focused on: sustainable agricultural intensification; agricultural climate adaptation; value-added innovation; and/or food and nutrition translation. **Application deadline: July 1, 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>

May 2021

Webinar Series

Great Lakes Traditional Ecological Knowledge (TEK) Speaker Series

May 26 - TEK Guidance Initiatives in the U.S. & Canada

June 2 - Braiding Ways of Knowing: TEK Theory, Methods & Ethics

June 9 - TEK in Great Lakes Areas of Concern Priority Setting Processes

June 16 - TEK Guided Research to Address Community-Based Chemical Concerns

June 23 - Restoring Culture & Seed Knowledge through Native Plant Restoration

June 30 - Bridging Knowledge Systems for Monitoring & Climate Adaptation

Webinar: May 27, 11:00am (PDT) Tribal Perspectives on Cross-Cultural Fire Management - Collaborative Fire Management Case Studies from the Colville National Forest

This webinar will provide examples of successful cross-cultural partnerships for managing fire and building community resilience in a changing climate. USFS fire ecologist and tribal liaison Monique Wynecoop will share two case studies from the Colville National Forest, in which the Spokane and Colville Tribes and non-tribal partners conducted collaborative, interdisciplinary fire management projects that incorporated diverse values, cultures and knowledges to meet multiple fire management goals.

June 2021

Virtual Panel Discussion: June 1, 12:00pm (PDT) Inhabitants: An Indigenous Perspective

Join the Institute for Tribal Environmental Professionals and Desert Research Institute for a film screening of *Inhabitants: An Indigenous Perspective*. *Inhabitants* follows five Native American Tribes across deserts, coastlines, forests, and prairies as they restore their traditional land management practices. Participants will be given exclusive access to the film at no cost to watch prior to the panel discussion. The live panel discussion will feature film participants and other experts working on Tribal climate adaptation and mitigation efforts.

Webinar: June 2, 12:00-1:00pm (EST)

Science and Practice - Addressing Forest Climate Change in Maine: Managing Brown Ash for Resiliency Against EAB and Climate Change

The focus of the webinar will be on the impacts of climate change and emerald ash borer to the cultural resources of brown ash. With discussion focused on bridging the gap between science and practice. Speakers: John Daigle, Professor of Forest Recreation Management; Tyler Everett, UMaine SFR PhD student; Emily Francis, UMaine SFR PhD student.

Webinar Series

Indigenous Knowledge & Western Science: Collaboration, Relationship, and Learning Series

June 2: Developing Meaningful, Balanced & Ethical Partnerships

June 16: Synthesis Session and Practical Next Steps

Virtual Session: June 8, 10:00am (PDT)

ATNI National Tribal Leadership Climate Change Summit: Session #4 - Traditional Knowledges and Tribal Sovereignty

Learn about how Traditional Knowledges are defined, preserved, transmitted to future generations, and applied in ways that advance Tribal natural, cultural, and community goals related to climate impacts and resiliency. Explore how Tribal rights and sovereignty form a unique basis for applying Traditional Knowledge and Tribal world views. Weave together learnings from previous summit discussions on climate policy, community resilience, and youth empowerment.

Virtual Conference: June 8-10th Advanced Climate Change Topics: North Central Climate 201

The North Central Climate Collaborative is hosting a FREE advanced climate change virtual conference, which features sessions on climate modeling, climate and its impact on communities, and the intersection of climate, agriculture, and water.

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 2021 Inter-Tribal Emergency Management Coalition Summit

Grand Casino Hotel Resort, Shawnee, OK. We are pleased to present a variety of resources from Tribal governments, State and Federal agencies, and the private sector, all in one conference to help identify ways in which all of us can work together to provide better preparedness, response, recovery, and mitigation efforts in emergency and disaster situations.

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.

Upcoming Events Continued...

June 2021

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.

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

Symposium: August 1-5 **[2021 Women and Water Coming Together Symposium](#)**

The 5th Annual Women and Water Coming Together Symposium: Reawakening The Ancient Pathways To Life. Wind, Fire, Earth, Water Days.

Virtual Workshop: August 9-13 **ITEP's Introduction to Climate Change Adaptation Planning for Tribes**

More information coming soon.

Virtual Workshop: August 10 & 17 **[Culturally Relevant Education in Environmental Data Science \(CREEDS\) Workshop](#)**

Explore what it means to approach education around data science principles and skills from a culturally responsive perspective. This workshop will engage interdisciplinary teams to discuss existing and new approaches for developing culturally responsive data science curricula in the environmental sciences. The call for applications will begin on May 21st with a deadline of June 4th.

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.

October 2021

Virtual Symposium: October 26-27 **[Northeast Climate Adaptation Science Center Regional Science Symposium](#)**

NE CASC invites the climate adaptation

science community to participate in the 2021 Regional Science Symposium. Learn about NE CASC research, hear about our new science plan, and discover resources and tools that support climate adaptation. The symposium will also include discussions focused on identifying emerging research and management needs, and it is our hope that it will foster new partnerships and strengthen existing collaborations.

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.