



Welcome to ITEP's Tribal Climate Change Newsletter. This monthly newsletter provides news items, resources, announcements about funding opportunities, conferences, and training, and other information relevant to tribal climate change issues.

ITEP's Tribal Climate Change Newsletter

May/June 2019



Las Cruces, NM

Ya'at'teeh!

There has been so much activity over these past two months we hope you don't mind a longer newsletter. We combined the information from May and June for this newsletter.

We recently held a Climate Change Adaptation Planning training in Las Cruces, NM hosted by the USDA Southwest Climate Hub. Thank you to the team for hosting a wonderful event and especially for coordinating perfect weather temperatures too ;) Participants who joined came from all over such as Louisiana, Kansas, California, Arizona and New Mexico.

We'd like to congratulate the Central Council of the Tlingit & Haida Indian Tribes of Alaska <http://www.ccthitla.org/services/community/environmental/documents/T&HClimateChangeAdaptationPlan.pdf> and the Navajo Nation <https://www.nndfw.org/docs/Climate%20Change%20Adaptation%20Plan.pdf> in completing their Climate Change Adaptation Plan. In addition we'd like to recognize our relatives to the North, the Inuit Tapiriit Kanatami https://www.itk.ca/wp-content/uploads/2019/06/ITK_Climate-Change-Strategy_English_lowres.pdf recently completed the "National Inuit Climate Change Strategy". Congratulations again to you all for an amazing job in working with your community in developing these documents.

We'd also like to recognize Robert Blake, for his multiple contributions through public media in raising the awareness of transforming Native communities towards renewable energy. An article in Rolling Stone <https://www.rollingstone.com/politics/politics-features/standing-rock-fights-on-tribal-activism-goes-solar-843823/> and the Sierra Club <https://www.sierraclub.org/sierra/prison-career-solar> as well as a podcast on Voice.Earth <https://voices.earth/podcast/bob-blake-founder-of-solarbear-earth-discusses-vision-for-transforming-native-american-communities/>. Rob is also a participant in the advanced CC-201 cohort in developing a climate change adaptation plan.

As we enjoy some time back in the office we are busy replying to email messages received and planning and preparing for upcoming travel to the Tribal Lands & Environment Forum, the Southwest Tribal Climate Change Summit and to the Climate Change Summits in the Northwest and Southeast. We hope to see you there!

Finally, we would like to bid farewell to our colleague, Colleen Davis, who has been a part of the ITEP Tribal Climate Change Program team for the past three years. She is moving on to complete her degree at Northern Arizona University. We wish her much success and we are grateful for all her hard work in helping make our program strong.

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Newsletter

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Tribes & Climate Change website

For more on tribes and climate change issues, visit ITEP's Tribes & Climate Change website at www7.nau.edu/itep/main/tcc/

With that, we wish you well and look forward to seeing you soon!

-Leanna, Nikki, & Karen

In The News

No Walk in The Park

- No, they are not walking on water. But it would seem so at a first glance at this image from the Danish Meteorological Institute (DMI). © The Strait Times, 06/19/2019. <https://www.straitstimes.com/multimedia/photos/no-walk-in-the-park>

Farming with Trees: Food In a Future With Climate Change

- Agroforestry, a farming practice that mimics natural ecosystems, is taking root in Snohomish County. © Herald News, 06/19/2019. <https://www.heraldnet.com/news/farming-with-trees-food-in-a-future-with-climate-change/>

A New Gold Standard – for People and Planet

- The climate crisis is worsening, and report after report warns that we are running out of time to stave off the worst impacts of climate change. We also know that the world cannot replace fossil fuels fast enough to keep warming to 2 degrees, much less 1.5 degrees. Our only hope is protecting the forests and wetlands that sequester vast amounts of carbon and regulate the world's ecosystems. And we cannot protect forests if we ignore the rights of forest guardians. © Landscape News, 06/19/2019. <https://news.globallandscapesforum.org/viewpoint/a-new-gold-standard-for-people-and-planet/>

Oregon Takes Aim at Climate Change With Cap-and-Trade Proposal

- Oregon is on the precipice of becoming the second state after California to adopt a cap-and-trade program, a market-based approach to lowering the greenhouse gas emissions behind global warming. © KTLA 5 NEWS, 06/17/2019. <https://ktla.com/2019/06/17/oregon-takes-aim-at-climate-change-with-cap-and-trade-proposal/>

Haida First Nation Elder Graduates with MA After Defending Her Thesis in Home Community

- When Barbara Wilson was a high-school student in Port Alberni, B.C., she and other students were urged to see a guidance counsellor to talk about university. © The Globe and Mail, 06/16/2019. <https://www.theglobeandmail.com/canada/british-columbia/article-haida-first-nation-elder-graduates-with-ma-after-defending-her-thesis/>

Bearing Witness: Voices Of Climate Change Part VII: Adapting Tribal Ceremonies To A Changing Climate

- This week, we're airing a series of interviews called *Bearing Witness: Voices of Climate Change*. They're stories told by longtime Arizonans about changes they've seen in the familiar landscapes of their lives. While personal experience, in and of itself, is not scientific conclusion, many researchers believe long-term observation is a critical component to understanding how climate change affects humanity and the planet. © KNAU, 06/14/2019. <https://www.knau.org/post/bearing-witness-voices-climate-change-part-vii-adapting-tribal-ceremonies-changing-climate>

Fire Resources to The Rescue

- In spring we enjoy our idyllic little valley — small, walkable towns yet filled to the brim with music, art and cultural interest. Everything seems about perfect: just the right temperatures, beautiful flowers everywhere, and green hillsides. Our nerves are calm and we relax at the park, out on the trail, or even around a campfire. © Ashland Tidings, 06/14/2019. <https://ashlandtidings.com/lifestyle/wild-side/fire-resources-to-the-rescue>

SQCC Elders Committee Meeting Was the Last Before the Summer Break

- The last meeting of the Séliš-Qlispé Culture Committee until September was another informational filled gathering that touched many bases of interest. © Char-Koosta News, 06/13/2019. http://www.charkoosta.com/news/sqcc-elders-committee-meeting-was-the-last-before-the-summer/article_ec541280-8e26-11e9-bf6f-e3b77f01e708.html

Bob Blake, Founder of SolarBear.Earth, Discusses Vision for Transforming Native American Communities

- In the following Voices.Earth podcast interview, we speak with Bob Blake, founder of SolarBear.Earth, a solar installation company based in Minnesota, who provides his vision for transforming Native American communities

through the use of renewable energy. © Voices.earth, 06/13/019. <https://voices.earth/podcast/bob-blake-founder-of-solarbear-earth-discusses-vision-for-transforming-native-american-communities/>

Teaching Garden to Grow More Than Crops

Indigenous ceremony, land-based teaching new focus for MYS. © Canstar Community News, 06/10/2019. <https://www.winnipegfreepress.com/our-communities/souwester/Teaching-garden-to-grow--more-than-crops-511081832.html>

From Prison to a Career in Solar

- When I was young, I lived in a trailer park with my mom in St. Paul, Minnesota. There wasn't a lot of nature where we lived. But when I was 12, I started playing disc golf. The course I played was on a trail in the woods, and at each stop you threw your disc in a basket. I would come across cool animals—deer and birds. Then when I saw on TV how habitats for animals were getting destroyed, I wanted to make a difference for them. © Sierra, 06/10/2019. <https://www.sierraclub.org/sierra/prison-career-solar>

Yurok Tribe Selected To Get Prestigious Equator Prize

- The Yurok Tribe was selected as one of the first indigenous organizations in the United States to receive the United Nations Development Programme's prestigious Equator Prize. © Redheaded Blackbelt, 06/07/2019. <https://kymkemp.com/2019/06/07/227327/>

The Climes, They Are a Changing and People Have to Adapt to That Eventuality

- What are the liabilities of climate change that affect the Flathead Reservation ecosystem? It has been a discussion circling the dialogues at the monthly Confederated Salish and Kootenai Tribes Climate Change Adaptation Planning meetings that began in March. © Char-Koosta News, 06/06/2019. http://www.charkoosta.com/news/the-climes-they-are-a-changing-and-people-have-to/article_6c87d804-8884-11e9-8a9f-3b8702005708.html

Standing Rock Fights On: Tribal Activism Goes Solar

- Three years after the historic anti-pipeline protests in North Dakota, activists are bringing renewable energy to the oil-rich land. © Rolling Stone, 06/04/2019. <https://www.rollingstone.com/politics/politics-features/standing-rock-fights-on-tribal-activism-goes-solar-843823/>

"Voice of the Sea" Episode Featuring PI CASC Research Wins Bronze Telly Award

- Three research projects funded by the Pacific Islands CASC were recently the focus of a half-hour episode of the Hawai'i Sea Grant-produced science program, Voice of the Sea. The episode, "Adapting Culture to Climate Change", received a Bronze 2019 Telly Award for excellence in telling stories of scientific and cultural work in the Pacific which motivate the local community toward engagement with environmental and societal issues. © USGS, 05/30/2019. <https://www.usgs.gov/center-news/voice-sea-episode-featuring-pi-casc-research-wins-bronze-telly-award>

Planned Solar Project Will Power 54% of the City's Needs

- The city of Albuquerque's facility footprint spans nearly 10 million square feet across about 680 buildings. By 2021, renewable energy could power about two-thirds of that space. The city will be the largest subscriber for a planned solar project on the Jicarilla Apache Nation, having committed to buying half of the energy generated by the 50-megawatt facility. © Albuquerque Journal, 05/30/2019. <https://www.abqjournal.com/1321916/city-of-abq-helps-drive-new-50-megawatt-solar-energy-facility.html?fbclid=IwAR1WKOiY2bnQURdpnbReKQaWpCRs6SrgpktNk83unoDv8eBjXIKvGEJzoeM>

How Climate Change May Affect the Plants in Your Yard

- As temperatures warm across America, growing zones for flowers, shrubs, and trees are shifting northward. © The New York Times, 05/23/2019. <https://www.nytimes.com/interactive/2019/05/23/climate/plant-hardiness-zones-shifting.html?action=click&module=MoreInSection&pgtype=Article®ion=Footer&contentCollection=Climate%20and%20Environment>

Stop Talking and Listen

- ❖ Although he grew up outside of the Tribal community, his parents instilled in him a strong connection to its culture and values from an early age. While pursuing his doctorate in geography at the University of Arizona, Thornbrugh commuted an hour and 20 minutes roundtrip several times a week to teach Weather & Climate 101 at Tohono O'odham Community College, a Tribal College on the Tohono O'odham Nation. © AGU Blog, 05/08/2019. https://blogs.agu.org/onthejob/2019/05/08/stop-talking-and-listen/?utm_source=SE+CASC+Newsletter+List&utm_campaign=934c8501d7-EMAIL_CAMPAIGN_2019_05_15_05_06&utm_medium=email&utm_term=0_23250a1ef2-934c8501d7-110140733

Children Can Foster Climate Change Concern Among Their Parents

- ❖ The collective action that is required to mitigate and adapt to climate change is extremely difficult to achieve, largely due to socio-ideological biases that perpetuate polarization over climate change. Because climate change perceptions in children seem less susceptible to the influence of worldview or political context, it may be possible for them to inspire adults towards higher levels of climate concern, and in turn, collective action. © Nature Climate Change, 05/06/2019. https://www.nature.com/articles/s41558-019-0463-3?utm_source=SE+CASC+Newsletter+List&utm_campaign=934c8501d7-EMAIL_CAMPAIGN_2019_05_15_05_06&utm_medium=email&utm_term=0_23250a1ef2-934c8501d7-110140733

UN Report: Nature's Dangerous Decline 'Unprecedented'; Species Extinction Rates 'Accelerating'

- ❖ Nature is declining globally at rates unprecedented in human history – and the rate of species extinctions is accelerating, with grave impacts on people around the world now likely, warns a landmark new report from the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES), the summary of which was approved at the 7th session of the IPBES Plenary, meeting last week (29 April – 4 May) in Paris. © United Nations, 05/06/2019. https://www.un.org/sustainabledevelopment/blog/2019/05/nature-decline-unprecedented-report/?utm_source=SE+CASC+Newsletter+List&utm_campaign=934c8501d7-EMAIL_CAMPAIGN_2019_05_15_05_06&utm_medium=email&utm_term=0_23250a1ef2-934c8501d7-110140733

Climate Change Threatens Migratory Connectivity In the U.S. Great Basin Region

- ❖ Corridors can be as short as a road width or as long as a continent. Some of the longest corridors connect the migratory paths of birds, such as the multiple flyways that cross North America. © Conservation Corridor, 04/26/2019. http://conservationcorridor.org/2019/04/climate-change-threatens-migratory-connectivity-in-the-u-s-great-basin-region/?utm_source=SE+CASC+Newsletter+List&utm_campaign=934c8501d7-EMAIL_CAMPAIGN_2019_05_15_05_06&utm_medium=email&utm_term=0_23250a1ef2-934c8501d7-110140733

Coastal Communities Plan for Climate Change at AK CASC Workshop

- ❖ From the sweeping glass windows of the International Arctic Research Center at UAF, a dusting of mid-April snow brightens the room. Inside, fourteen representatives from five tribes have traveled to Fairbanks for a three-day knowledge-sharing workshop on a topic they are reckoning with daily: climate change. © Alaska Climate Adaptation Science Center, 04/25/2019. <https://casc.alaska.edu/news/coastal-communities-plan-climate-change-ak-casc-workshop>

Tribes, Indigenous People and the False Urgency of Climate Adaptation with Dr. Kyle Powys Whyte

- ❖ In episode 87 of America Adapts, host Doug Parsons interviews Dr. Kyle Powys Whyte. Kyle and I discuss how indigenous people define urgency in the face of climate change, managed retreat for tribal communities, the national climate assessment and tribal issues, the sometimes controversial relationship between tribes and climate scientists, climate change's role in ongoing colonization of indigenous people, effective tribal engagement and much more in a fascinating and sometimes raw conversation. © America Adapts, 04/07/2019. <https://www.americaadapts.org/episodes/tribes-indigenous-people-and-the-false-urgency-of-climate-adaptation-with-dr-kyle-white>

The LEO Network, Addressing Climate Change One Event at a Time

- ❖ Arctic residents are experiencing the impacts of climate change every day. It is affecting people's homes and their ability to travel, access clean water, and harvest healthy foods. With temperatures outside of normal, landscapes altered, and seasons unhinged, the impacts of climate change are being expressed by specific events that are unusual or unprecedented. © Witness the Arctic, 2019. https://www.arcus.org/witness-the-arctic/2019/1/article/29380?utm_source=wtav23i1&utm_medium=email&utm_campaign=wta

The U.S. Arctic Research Commission Releases its Goals and Objectives for Arctic Research 2019-2020

- ❖ The U.S. Arctic Research Commission (USARC) released their 2019-2020 Report on the Goals and Objectives for Arctic Research on 8 May at their 111th Commission Meeting in Anchorage, Alaska. Dedicated to USARC's late Commissioner, Mary Pete, the "Goals Report" outlines recommendations for research in a rapidly changing Arctic. The report outlines five priority research areas and lists recommendations and examples for each. © Witness the Arctic, 2019. https://www.arcus.org/witness-the-arctic/2019/1/article/29382?utm_source=wtav23i1&utm_medium=email&utm_campaign=wta

Arctic Indigenous Scholar, Rosemary Ahtuanguaruk: Educating, Communicating, and Affecting Change

- ❖ The Indigenous Scholars Program has opened doors to subjects and people important to the Arctic. We have the opportunity to connect with decision-makers affecting us. We have the chance to open discussions with agency and nonprofit organizations about work in our lands and waters — from plans to actions. We have the chance to speak across dividing lines of those who sit on both sides of the table. We have the chance to educate others on

our issues and concerns. © Witness the Arctic, 2019. https://www.arcus.org/witness-the-arctic/2019/1/article/29400?utm_source=wtav23i1&utm_medium=email&utm_campaign=wta

Taking Stock of A Changing World

- ❖ Indigenous experts and the National Climate Assessment. © AISES Winds of Change, 2019. https://read.nxtbook.com/aíses/winds_of_change/spring_2019/taking_stock_of_a_changing_wo.html

Tribal Liaison in Focus: Malinda Chase: Alaska Climate Adaptation Science Center/Aleutian Pribilof Islands Association (APIA), International Arctic Research Center, University of Alaska Fairbanks



Malinda is an enrolled tribal member of Anvik, a *Deg Hit'an Dene* village, located in Alaska's interior region, at the confluence of the Yukon and Anvik Rivers. She works as the Tribal Resilience Liaison for the Alaska Climate Science Center, in partnership with the Aleutians Pribilof Islands Association, to support tribes in their resiliency and self-determined efforts in addressing climate change. Malinda holds a bachelor's degree in American Studies from Wellesley College and a master's degree in Cross-Cultural Studies from the University of Alaska Fairbanks. Her experience is in community planning, non-profit management, Native language revitalization, post-secondary distance education and Alaska Native education. She is actively engaged with land issues as a board member and land manager for Deloy Ges, Inc., a village corporation established under the Alaska Native Claims Settlement Act. Throughout her work life, Malinda is fortunate to work closely with prominent Alaska Native Elders and talented Alaska Native educators in indigenous curriculum and professional development initiatives that perpetuate and share the knowledge, beliefs and strength of Alaska Native Peoples. When she has a chance, Malinda loves berry-picking, cutting and preserving salmon, picnics and being in her kayak or riverboat on any Alaskan river, especially with her daughter Deenaalee.

Contact: malindac@apiai.org

Resources

ITEP Tribal Profile: Samish Indian Nation (Pacific Northwest)

- Samish elders have observed in their lifetimes decreases of the most important species in the area, including orcas, salmon, and shellfish, and how the giant kelp beds of their youth have all but disappeared. Cultural species that they used to gather for crafts and food are harder to find, and do not bloom at all in some years. Cultural events such as basket weaving classes are sometimes impossible to hold if the supplies cannot be found at the right times. These changes have led to spiritual suffering throughout the community. Read the rest of this profile here: http://www7.nau.edu/itep/main/tcc/Tribes/pn_samish and take a look at their amazing Story Map: <https://samish.maps.arcgis.com/apps/Cascade/index.html?appid=a28a212bf84b4b8e9e743ee88fe3dc5b>. We would like to thank former ITEP team member, Fletcher Wilkinson for his assistance in helping current team member, Dara Marks-Marino develop the profile.

U.S. Fishery Disasters: Trends, Causes, and Impacts of Pacific Salmon Declines on Native American Communities

- This study used NOAA Fisheries data on fishery disasters to analyze trends from 1989-2017. The cost of fishery disasters was found to be ~\$1.4B. 255 disasters were observed with the greatest impacts being along the Pacific coast (53%). Statistically significant increases in disasters were observed for inland Pacific salmon and Native American communities. When the causes of disasters were investigated, it was found that 1) the top 20% of causes were El Niño, high ocean water temperatures, disease, drought, and flooding, suggesting climate extremes

& climate change likely play a significant role; 2) conditions causing disasters are persisting; 3) hurricanes are persisting; 4) 36% of the causes are recent: changing climate, extreme weather event, habitat loss, poor freshwater quality, predation, unfavorable ocean conditions, and positive Pacific Decadal Oscillation (PDO); and 5) certain causes, e.g., urban development, dams/hydroelectric power, were cited during interviews with tribal members. The recorded presentation is available at <https://www.youtube.com/watch?v=P0ryHKRKpjs>. © NOAA, 06/12/2019.

Swinomish Indian Tribal Community Releases Open-Access Learning Modules to Help Tribes Assess Health and Adapt to Climate Change

- Over the past several years, the National Indian Health Board (NIHB) has worked with Swinomish Indian Tribal Community (Swinomish) as part of the Climate Ready Tribes (CRT) project funded through the Centers for Disease Control and Prevention (CDC). For the project, Swinomish indigenized the CDC Building Resilience Against Climate Effects (BRACE) health assessment framework to better reflect indigenous health definitions and priorities. Now, NIHB is delighted to announce that Swinomish has developed a series of online, freely accessible modules that describe why and how Swinomish modified BRACE ([module 1](#)), and provide an example of how Swinomish used the indigenized BRACE framework in a climate change and health assessment project ([module 2](#)). Swinomish hopes that other Tribes may tailor the process and methods for use in their own communities. The work was completed in collaboration with the Oregon State University College of Public Health and Human Sciences and Oregon State University's Open Educational Resources unit. To view Module 1, [click here](#). To view Module 2, [click here](#). © University of Oregon, 2019. <http://www.swinomish-nsn.gov/ih/>

Central Council of the Tlingit & Haida Indian Tribes of Alaska Climate Change Adaptation Plan

- Tlingit & Haida began to seek information and studies on climate change in Southeast Alaska to fully understand its impacts to our tribal citizens and our way of life. In a national technical report on climate change, there were only two pages on Southeast Alaska and climate change impacts. In addition, Tlingit & Haida requested information on Southeast climate change from local scientists, the University of Alaska, U.S. Geological Survey, and the U.S. Forest Service; and it was determined that there is currently little information specific to the Southeast Alaska region. © Central Council of the Tlingit & Haida Indian Tribes of Alaska, 05/24/2019. <http://www.ccthita.org/services/community/environmental/documents/T&HClimateChangeAdaptationPlan.pdf>

Center for Environmentally Threatened Communities Newsletter

- The Center was established with a Denali Commission grant to the Alaska Native Tribal Health Consortium and supports rural Alaska communities experiencing infrastructure impacts associated with environmental threats such as flooding, erosion, and melting permafrost. © Alaska Native Tribal Health Consortium, 05/2019. <https://alaskanativetribalhealthconsortium.cmail19.com/t/ViewEmail/j/328CF08C8FB36EAD2540EF23F30FEDED/C31D92EC90409517A4A88C2FAEAC43DE>

National Inuit Climate Change Strategy

- The National Inuit Climate Change Strategy identifies the coordinated actions that are necessary within five priority areas to meet our adaptation, mitigation and resilience-building needs in the face of rapid climate change, and a quickly evolving climate policy environment. The Strategy lays out practical objectives to advance Inuit-driven climate actions, and guidance on how to work with us to protect our way of life and support the sustainability of our communities in the face of our changing climate reality. © Inuit Tapiriit Kanatami, 2019. https://www.itk.ca/wp-content/uploads/2019/06/ITK_Climate-Change-Strategy_English_lowres.pdf

Community-Driven Resilience Planning

- The opportunity for increasing community resilience is in the very process of developing a plan when those who are most impacted are at the heart of society's efforts to build a resilient future. © National Association of Climate Resilience Planners, 2019. https://www.nacrp.org/?utm_source=SE+CASC+Newsletter+List&utm_campaign=934c8501d7-EMAIL_CAMPAIGN_2019_05_15_05_06&utm_medium=email&utm_term=0_23250a1ef2-934c8501d7-110140733

Climate Migrants

- Climate change is already displacing thousands of people. There is little doubt that the coming decades will see a vast increase in the number of people forced from their homes by global warming. © ESRI, 2019. http://storymaps.esri.com/stories/2017/climate-migrants/index.html?utm_source=SE+CASC+Newsletter+List&utm_campaign=934c8501d7-EMAIL_CAMPAIGN_2019_05_15_05_06&utm_medium=email&utm_term=0_23250a1ef2-934c8501d7-110140733

National Climate Assessment (NCA) Teaching Resources

- The National Climate Assessment offers a wealth of actionable science about the causes, effects, risks and possible responses to human-caused climate change. NOAA, the NCAnet Education Affinity Group, and members of the CLEAN Network have developed a series of guides for educators that focus on the regional chapters of the Assessment Report, helping to unpack the key messages of each region and point to related, high-quality online resources. © NOAA, 2019. <https://www.climate.gov/teaching/national-climate-assessment-resources-educators/2014-national-climate-assessment-resources>

Applying Soil Health Management Systems to Reduce Climate and Weather Risks in the Northwest

- Through this factsheet, we will explore specific climate drivers of change in the Northwest, relevant impacts to soil and cropping systems, and an exploration of soil management systems that can be applied to reduce risks. © USDA Northwest Climate Hub, April 2019
<https://www.climatehubs.oce.usda.gov/sites/default/files/Mngmt%20Systems%20Reduce%20Risks%20in%20the%20NW.pdf>

Climate Adaptation for DoD Natural Resource Managers

- Climate Adaptation for DoD Natural Resource Managers was developed by the National Wildlife Federation with support from DoD, and is designed to help DoD installation managers prepare for and reduce climate-related vulnerabilities and risks. The guide provides an overview of how climatic changes may impact military lands and resources, and offers a structured process for incorporating climate considerations into Integrated Natural Resource Management Plans (INRMP), legally required planning documents that outline how each installation will conserve and manage its natural resources. © The National Wildlife Federation, 2019.
<https://www.nwf.org/DoDAdaptationGuide>

Climate Adaptation Plan for the Navajo Nation

- The purpose for the program is to spread awareness of climate change to the Navajo people. Several hours were spent visiting communities all over the reservation to present on impacts and suggested adaptive solutions for climate change. Along with presenting, the program distributed a climate change survey which community members were able to fill out at community events, schools, and chapter houses. © Navajo Nation, 12/2018.
<https://www.nndfw.org/docs/Climate%20Change%20Adaptation%20Plan.pdf>

Alaska Native Knowledge Network

- The **Alaska Native Knowledge Network (ANKN)** is an AKRSI partner designed to serve as a resource for compiling and exchanging information related to Alaska Native knowledge systems and ways of knowing. It has been established to assist Native people, government agencies, educators and the general public in gaining access to the knowledge base that Alaska Natives have acquired through cumulative experience over millennia. Anyone wishing to participate in the Alaska Native Knowledge Network or contribute to the development of the resources in this knowledge base is encouraged to contact us at (907) 474-5897, or email fyankn@ankn.uaf.edu. © University of Alaska Fairbanks, 2011. <http://www.ankn.uaf.edu/about.html>

Educational and Youth Engagement Opportunities

Native Earth 2019: Environmental Youth Program

- ❖ All Native American youth in the Northeast entering grades 9-11. Join us for a summer program experience for indigenous youth focused on land-based skills and environmental stewardship, incorporating both traditional ecological knowledge and academic environmental science. Now in its tenth year, the Native Earth Environmental Youth Program brings Native American high school students from across indigenous nations of the Northeast to the beautiful Adirondack mountain region for a week of community building, reconnecting with the Earth, and deepening skills for environmental leadership. A video and to apply online is available at <https://www.esf.edu/nativepeoples/nativeearth.htm>. **Deadline to apply is June 30, 2019.**

2019 Global Youth Video Competition Now Open for Applications

- ❖ Young people from around the world are encouraged to submit videos for the [2019 Global Youth Video Competition](#) showcasing positive solutions on three themes: Nature-based Solutions for Food and Human Health; Cities and Local Action to Combat Climate Change; and Nature-Based Solutions to balance the use of land for people and ecosystems. To learn more visit: <https://unfccc.int/news/2019-global-youth-video-competition-now-open-for-applications>

Earth Data Analytics - Foundations Professional Certificate

- ❖ In today's world of big data, rapid technological change and natural resource scarcity, Earth scientists with data science expertise are in high demand. The Earth Data Analytics - Foundations professional graduate certificate is designed to provide students with a powerful combination of skills in earth science, data analytics, interdisciplinary collaboration and science communication. The Earth Data Analytics - Foundations professional certificate is one of the first university certificate programs in the U.S. to explicitly focus on applying data science techniques to the Earth Sciences. The priority application deadline is July 1st, 2019. Applications will continue to be accepted and reviewed on a rolling basis through August 12th, 2019 or until all seats are filled. For more information and to apply visit: <https://www.colorado.edu/earthlab/earth-data-analytics-foundations-professional-certificate>

Other Items of Interest

Job Announcement: Climate Specialist, 1854 Treaty Authority

- ❖ The incumbent will assist the Resource Management Division in understanding and communicating impacts of climate change to the resources within the 1854 Ceded Territory area of northeastern Minnesota. The position will be responsible for developing a climate change program. Application procedures include submitting by mail, fax, or email a completed 1854 Treaty Authority general application (available on front page of 1854 Treaty Authority website), a resume (include contacts for 3 references), a copy of your transcripts (unofficial are acceptable), and a cover letter to: Phillis Lucia, Office Manager, 1854 Treaty Authority, 4428 Haines Road, Duluth, MN 55811. Ph: 218-722-8907, Fax: 218-722-7003, Email: plucia@1854treatyauthority.org. **Deadline to apply is June 21, 2019.**

Job Announcement: Great Lakes Restoration Initiative (GLRI) Outreach Coordinator, Great Lakes Indian Fish and Wildlife Commission

- ❖ This is a 1-year full time position that may be renewed with continued funding through the Great Lakes Indian Fish and Wildlife Commission's (GLIFWC's) Great Lakes Restoration Initiative grants. GLIFWC is located on the Bad River Indian Reservation in Odanah, Wisconsin. Under the supervision and direction of the Great Lakes Program Coordinator, the GLRI Outreach Coordinator will perform the duties in a manner consistent with Commission policies and procedures. For more information visit: <http://www.glifwc.org/Jobs/GLRIO OutreachCoordinator-070119.pdf>. **Deadline to apply is July 1, 2019.**

Job Announcement: Executive Director, Cultural Survival

- ❖ This may be a telecommute / remote position. The Executive Director is accountable to the Board of Directors. The Executive Director needs the capacity to think strategically at a high-level, to convert that thinking into action, and communicate in a way that engages diverse audiences including Indigenous communities, policymakers, funding partners, and the general public about Cultural Survival. He or she will develop and implement strategies, secure funding, form operational plans and tactics to achieve results; identify, develop and pursue new programs/services and opportunities along with the senior team; act as the principal steward of the organization's resources; and foster a high performing team of staff and volunteers. To apply for this position, please submit your cover letter and resume electronically to Bill Moran at The Moran Company. The cover letter should highlight your qualifications and connection to the mission, as well as any other relevant experience. For complete description and to apply visit: <https://morancompany.com/current-searches-executive-director-19/> for more information.

Job Announcement: Tribal Archaeologist, Cultural Resources, San Manuel Band of Mission Indians

- ❖ Under the direction of the Director of Cultural Resources Management (CRM), the Tribal Archaeologist will assist in the organization and execution of a comprehensive heritage stewardship program that seeks to facilitate the culturally-appropriate management of Serrano cultural resources and landscapes. The incumbent will create and implement a robust tribal archaeology program that applies the best of archaeological science while at the same time giving preeminence to the Tribe's vision, mission, values, and cultural resources treatment preferences and protocols. The Tribal Archaeologist will plan, track, and undertake or oversee the conduct of all field-based archaeological investigations, site assessments, and monitoring to occur across Serrano territory. The position will also require the listing of sites on the appropriate federal, state, and tribal registers. The Tribal Archaeologist shall also build capacity within the tribal community regarding heritage stewardship and create educational opportunities for external partners. For complete description and to apply visit: https://www.sanmanuelcareers.com/job/SAMAUSR0000984/Tribal-Archaeologist-Cultural-Resources?utm_source=indeed&utm_medium=phenom-feeds

The Indigenous Youth Storytellers Circle: Share Your Story with the World!

- ❖ An Official Project of Terralingua and the United Nations International Year of Indigenous Languages. An Invitation to Young Indigenous People Ages 18–30. All across the world, young Indigenous people like you are taking the lead in showing ways to live respectfully on Earth. Your languages, your cultures, and your homelands bear the wisdom of generations of ancestors and of your community now — and they have helped make you who you are

today. Your people's wisdom and your own personal experiences are priceless gifts full of much-needed inspiration for the rest of the world. We'll review stories and publish them online on an ongoing basis throughout the year. However, for a chance to have your story selected for publication in Landscape Magazine, please send it by July 1 for the Summer 2019 issue, and by October 1 for the Winter 2019 issue. © Landscape Magazine, 06/11/2019. http://www.terralinguaubuntu.org/Landscape/Volume_8/indigenous-youth-call-for-stories?sfns=mo&fbclid=IwAR3q1JhF-luNiHwU3UfqHlcDtkRlpXz3pXRVhpOzQFXzGEHrclq71ZHbB9E

Job Announcement: Hopi Tribe Energy Manager, Hopi Utilities Corporation

- ❖ The Hopi Utilities Corporation(HUC)is seeking an individual with significant experience in renewable energy development for a year-long full-time position as Hopi Tribe Energy Manager. The successful candidate will be an experienced program manager with a track record of managing or facilitating multi-agency and departmental teams in completing strategic plans, utility organization and/or achieving tribal energy development goals. This is an independentcontractor position employed by HUC, which is headquartered in Flagstaff, Arizona. This position has additional responsibilities to coordinate with the Hopi Renewable Energy Office and other tribal programs in Kykotsmobi, AZ to support the Hopi Tribe in its pursuit of utility-scale renewable energy development, energy system modernization and optimization, and other clean-energy-for-economic-development initiatives. To apply send a resume/CV and a cover letter to: info@hopitelecom.com. Position posted May 20,2019; open until filled.

Job Announcement: American Indian Foods Program Director, Intertribal Agriculture Council

- ❖ The Director of American Indian Foods is responsible for directing the day to day operations and providing fiscal accountability for the USDA/Foreign Agriculture Service (FAS), and American Indian Foods Program. The Program Director will ensure the program complies with all Federal regulatory requirements. The AIF Program Director is supervised by the Director of Programs. For more information, please visit <http://www.IndianAg.org> or contact: Donita A. Fischer, Public Relations Director donita@indianag.org.

Job Announcement: American Indian Foods Program Assistant, Intertribal Agriculture Council

- ❖ The Assistant Director will provide assistance to ensure the program complies with all federal regulatory requirements. This position is a multi-tasking position under the direct supervision and guidance of the American Indian Foods Program Director. For more information and to view the position descriptions, click here: www.indianag.org/careers

Masters of the Currents – The First Nationally Touring Play About Micronesians in the U.S.

- ❖ Masters of the Currents follows the story of three Micronesian youth who have fled their island nations due to environmental and economic pressures, and who must now overcome conflicts of identity to be accepted by their peers in their new home of Hawai'i while still holding onto the history and rich cultural traditions of their ancestral islands of. Inspired by the stories of Micronesians living in Hawai'i today, Masters of the Currents is a theatrical journey that takes us from remote island nations to urban cities, from ocean water passageways to paved asphalt highways. As the waters of our planet rise, what can we learn from these descendants of the original ocean navigators of the Pacific? For more information: <http://www.teada.org/masters-of-the-current-1>. If interested in bringing the play to your locale: <http://www.teada.org/contact>. © Teada Productions, 2018.

Funding Opportunities

NOTE: More Funding Opportunities can be found at the Tribes & Climate Change website:

<http://www7.nau.edu/itep/main/tcc/Resources/funding>. Also, see the Tribal Climate Change Guide maintained by the Pacific Northwest Tribal Climate Change Project at the Univ. of Oregon: <http://tribalclimateguide.uoregon.edu/>

Ray C. Anderson Foundation's NextGen Committee Issues Request for Grant Proposals for Projects Helping to Reduce Global Warming

- The NextGen Committee of the Ray C. Anderson Foundation has issued a call for proposals for one \$100,000 grant to fund work in the 2020 calendar year for new or existing programs that will help to reduce global warming, whether through direct carbon avoidance, climate communication, climate education, industry engagement, or otherwise. The Ray C. Anderson Foundation is a private family foundation committed to advancing the legacy of its namesake by supporting environmental sustainability initiatives. Ray's five grandchildren, along with their spouses, comprise the NextGen Committee of the Foundation, which makes recommendations to the Board of Trustees for worthwhile grants and initiatives. Grants are limited to 501(c)(3) charities in the United States. Those interested in applying for the grant should visit the [grant web page](#) to review the [proposal guidelines](#) and submit their proposal. All grant inquiries should be directed to: nextgengrants@raycandersonfoundation.org. **RFP Closes July 12, 2019.**

Funding and Technical Assistance Available for Rural Communities

- National Endowment for the Arts Director of Design and Creative Placemaking Jennifer Hughes announced the opening of the 2019 Citizens' Institute on Rural Design™ (CIRD) with a call for applications to the program. Since 1991, this National Endowment for the Arts program has offered funding and technical assistance to communities with populations of 50,000 or less to address local challenges related to economic vitality and quality of life through design solutions. The **deadline for applications is July 22, 2019**. For more information and how to apply visit: <https://www.arts.gov/news/2019/funding-and-technical-assistance-available-rural-communities>

Bureau of Reclamation WaterSMART Water Marketing Strategy Grants

- This Funding Opportunity Announcement (FOA) supports collaborative planning efforts to develop water markets that will proactively address water supply reliability and increase water management flexibility. Water markets between willing buyers and sellers can be used to help water users meet demands efficiently in times of shortage, thereby helping to prevent water conflicts. By encouraging collaboration and input to the planning process from a range of stakeholders, projects funded through this FOA will expand the lines of communication between Reclamation and local stakeholders, helping to restore community trust. Funding Opportunity #: BOR-DO-19-F006. **Deadline to apply July, 31, 2019.**

Upcoming Events

NOTE: More Upcoming Events can be found at the Tribes & Climate Change website:

<http://www7.nau.edu/itep/main/tcc/Home/Events>

June

World Peace and Prayer Day

June 21, Invitation to hold a prayer event in your community and help send a message to the world. We are being called together at a time of great urgency. Water is the life's blood of all creation, water is what connects us all. This is what we as human beings must understand. On June 21st we are asking people all over the world to pray with us, to create an energy shift to heal Mother Earth and end the exploitation of our sacred waters by fossil fuel industries. For more information about hosting an event in your community and to sign up for an event planning toolkit and any questions contact Cheryl.johncox@sierraclub.org, 740-360-0420 or BJ McManama bjmcmnama@ienearth.org.

Webinar: Bureau of Reclamation WaterSMART Water Marketing Strategy Grants

June 21, 11am MST. This Funding Opportunity Announcement (FOA) supports collaborative planning efforts to develop water markets that will proactively address water supply reliability and increase water management flexibility. Water markets between willing buyers and sellers can be used to help water users meet demands efficiently in times of shortage, thereby helping to prevent water conflicts. By encouraging collaboration and input to the planning process from a range of stakeholders, projects funded through this FOA will expand the lines of communication between Reclamation and local stakeholders, helping to restore community trust. Funding Opportunity #: BOR-DO-19-F006. **Deadline to apply July, 31, 2019.**

Forum: 14th Annual Tribal Leader/Scholar Forum

June 23-26, Reno NV. The NCAI Policy Research Center's Tribal Leader/Scholar Forum provides an opportunity for researchers, practitioners, community members, and others to present their findings to tribal leaders, policymakers, and tribal members during NCAI's Mid Year Conference. For more information visit: <http://www.ncai.org/policy-research-center/initiatives/tribal-leader-scholar-forum>.

Webinar: Water and Energy in a Changing Climate: Findings from the Fourth National Climate Assessment

June 25, 12pm EDT. NOAA and the U.S. Global Change Research Program present a OneNOAA Science Seminar Series highlighting findings from the Fourth National Climate Assessment. All webinars will be available at www.globalchange.gov/engage/webinars. For more, contact Katie Reeves (kreeves@usgcrp.gov) or Tracy Gill (Tracy.Gill@noaa.gov) or visit www.nodc.noaa.gov/seminars/.

Field Day: Sustainable Agriculture Field Day

June 26, Las Cruces, NM. Join us for the second annual Sustainable Agriculture Field Day on Wednesday, June 26th, 2019 from 8 am to 12 pm at the New Mexico State University Fabian Garcia Science Center. This free event is open to the public and sponsored by the western region Sustainable Agriculture Research and Education Program (WSARE). Come and learn about the latest sustainable agriculture research during field tour presentations on a variety of topics including chile varieties for organic growers, weed management, alternative

crops for New Mexico, and exciting new research on onions and Malbec grapes. Refreshments will be provided. For more information or directions, contact the Fabian Garcia center at 575-646-2729.

Webinar: Jobs and Economic Development from Tribal Energy Projects

June 26, 10am MST. Among the benefits of energy project development to tribal communities are the jobs and economic development that come with local investment. This webinar will share tools and methods tribes can use to estimate the jobs and broader economic benefits of energy projects. The webinar will also feature case studies from tribes that have successfully created jobs and economic development through energy development. To register visit: <https://register.gotowebinar.com/register/4134336742330144269>

Webinar: Climate Equity Series Part 2: Leading With Stories- The Story of Colton Jones and the Role of Storytelling in the Struggle for Climate Justice

June 27, 11am PT/2pm ET. Humans are emotional beings. Stories motivate us more than data. Through storytelling, we can humanize climate change, shift the narrative and inspire action. Victims of climate catastrophe are all too often reduced to numbers. Instead, this webinar focuses on the story of a single individual, Colton Jones, and how wildfires, climate change and structural racism impacted his life. To register for this webinar visit: https://www.nationaladaptationforum.org/other-adaptation-events/webinars/climate-equity-series-part-2-leading-stories-story-colton-jones-and?utm_source=Leading+with+Stories+Webinar+Announcement&utm_campaign=CFP+7-25&utm_medium=email

July

Webinar: CDC's Climate and Health Programs: Communication Data for Maximum Impact

July 18, 1pm ET. Join CDC's Climate and Health Program for a webinar on Communicating Data for Maximum Impact. Experts from behavior change agency Marketing for Change will show how health officials can gather and present data points to tell a more powerful story in press releases and policy briefs. For registration go to: https://zoom.us/webinar/register/WN_qe8MZcjrT-6Jf4_y17ePg

Webinar: Transportation and the Built Environment in a Changing Climate: Findings from the Fourth National Climate Assessment

July 23, 12pm EDT. NOAA and the U.S. Global Change Research Program present a OneNOAA Science Seminar Series highlighting findings from the Fourth National Climate Assessment. All webinars will be available at www.globalchange.gov/engage/webinars. For more, contact Katie Reeves (kreeves@usgcrp.gov) or Tracy Gill (Tracy.Gill@noaa.gov) or visit www.nodc.noaa.gov/seminars/.

Summit: Tribal Public Health Emergency Preparedness and Response Summit

July 25, Phoenix, AZ. This one-day summit is designed to bring together Tribal, state and local emergency preparedness departments, Tribal Leaders, Tribal Administrators, Area Indian Health Boards, National and Regional Tribal Organizations and other key stakeholders to enhance Tribal public health emergency preparedness capacity. Space is limited register early. For more information visit: <https://web.cvent.com/event/30a7b116-c161-4329-8724-40a1215161ef/summary>

Summit: 2019 Tribes and First Nations Climate Change Summit

July 30-31, Airway Heights, WA. This summit will convene leaders from Tribes and First Nations throughout the Pacific Northwest and North America to advance tribal climate change policy and action. The summit will focus on topics such as tribal climate change resiliency, protecting and applying Traditional Knowledges in climate change initiatives, and implementing a unified tribal climate change policy agenda. For more information visit: <http://atntribes.org/climatechange/>

Webinar: Air Quality and Human Health in a Changing Climate: Findings from the Fourth National Climate Assessment

July 30, 12pm EDT. NOAA and the U.S. Global Change Research Program present a OneNOAA Science Seminar Series highlighting findings from the Fourth National Climate Assessment. All webinars will be available at www.globalchange.gov/engage/webinars. For more, contact Katie Reeves (kreeves@usgcrp.gov) or Tracy Gill (Tracy.Gill@noaa.gov) or visit www.nodc.noaa.gov/seminars/.

August

Summit: 2019 Eastern Native Youth Food Sovereignty Summit

August 1-4, Presque Isle, ME. The Native Youth Food Sovereignty Alliance envisions culturally-appropriate, sustainable and self-sufficient food and agricultural systems in Indian Country and around the world. Visit

iacyouthhub.com for more information. Applications are open for the 2019 Eastern Native Youth Food Sovereignty Summit, organized by Intertribal Agriculture Council and hosted by the Aroostook Band of Micmacs and sponsored by Maine Natural Resources Conservation Service. This year's event is open to high school and college aged youth (ages 14 - 22) and will be held August 1-4, in Presque Isle, ME. For more information and to apply visit: <https://www.indianag.org/post/2019easternyouthsummit>.

Webinar: Climate Change and Tribes and Indigenous Peoples: Findings from the Fourth National Climate Assessment

August 6, 12pm EDT. NOAA and the U.S. Global Change Research Program present a OneNOAA Science Seminar Series highlighting findings from the Fourth National Climate Assessment. All webinars will be available at www.globalchange.gov/engage/webinars. For more, contact Katie Reeves (kreeves@usgcrp.gov) or Tracy Gill (Tracy.Gill@noaa.gov) or visit www.nodc.noaa.gov/seminars/.

Youth Summit: Tribal Youth Water Summit – Empowering Clean Minds for Cleaner Water

August 10-16, Eugene, OR. Join us at the University of Oregon for a week-long leadership and education experience for tribal youth. Leadership comes in all forms, from speaking out to being an active citizen in your community. At the Changing Currents: Tribal Youth Water Summit, we will be exploring what it means to be the next generation of water leaders. The summit is intended to bring together like-minded tribal youth with a passion for water, natural resources, education and social action. **Deadline to apply is June 25, 2019.** For more information and to apply visit: <https://www.changingcurrents.net/youth-summit>.

Summit: 2019 Southwestern Tribal Climate Change Summit (SWTCCS)

August 13-16, Idyllwild Arts Academy, CA. The 2019 Southwestern Tribal Climate Change Summit (SWTCCS) provides an opportunity to come together, focus on climate strategies and solutions, and advance Tribal resilience efforts throughout the Southwest and North America. This 2019 Summit will be an interactive leadership-style retreat with small group breakout sessions, plenary style presentations on Tribal case studies, and a powerful climate training opportunity for student ambassadors. The summit is a cooperative endeavor co-sponsored by the La Jolla Band of Luiseno Indians, Climate Science Alliance (CSA), the Pala Band of Mission Indians and The Institute for Tribal Environmental Professionals (ITEP), and made possible by support and funding from the U.S. Bureau of Indian Affairs (BIA) Tribal Resilience Program. For more information, visit: http://www7.nau.edu/itep/main/tcc/Training/confr_stccs

Webinar: Tourism and Recreation in a Changing Climate: Findings from the Fourth National Climate Assessment

August 13, 12pm EDT. NOAA and the U.S. Global Change Research Program present a OneNOAA Science Seminar Series highlighting findings from the Fourth National Climate Assessment. All webinars will be available at www.globalchange.gov/engage/webinars. For more, contact Katie Reeves (kreeves@usgcrp.gov) or Tracy Gill (Tracy.Gill@noaa.gov) or visit www.nodc.noaa.gov/seminars/.

Forum: Tribal Lands and Environment Forum

August 19-22, Palm Springs, CA. This year's TLEF will feature special trainings, field trips, and breakout sessions focused on the conference theme: *A National Conversation on Tribal Land and Water Resources*. Topics highlighted at the TLEF include solid/hazardous waste management, brownfields, UST/LUSTs, Superfund sites, and emergency response. Tribal water program topics – water quality, drinking water, and habitat restoration (including wetlands, streams and fisheries) will also be included with breakout sessions, trainings and field trips. Plenty of networking opportunities will also be offered, making this a terrific event for tribal professionals, federal staff, nonprofit and industry personnel, and students of environmental sciences and Native American Studies, to connect with their colleagues who are also protecting the environment and their communities. For more information visit: http://www7.nau.edu/itep/main/Conferences/confr_tlef

Webinar: International Effects and Complex Systems in a Changing Climate: Findings from the Fourth National Climate Assessment

August 20, 12pm EDT. NOAA and the U.S. Global Change Research Program present a OneNOAA Science Seminar Series highlighting findings from the Fourth National Climate Assessment. All webinars will be available at www.globalchange.gov/engage/webinars. For more, contact Katie Reeves (kreeves@usgcrp.gov) or Tracy Gill (Tracy.Gill@noaa.gov) or visit www.nodc.noaa.gov/seminars/.

Summit: Wildlife Corridors Summit

August 20, Taos, NM. Mark your calendars. The 2019 Upper Rio Grande Wildlife Corridors Summit will bring together elected officials, federal and state agencies, tribal leaders, hunters, anglers, private land owners and conservation groups to discuss new opportunities to promote and protect wildlife corridors and connectivity. More information is forthcoming.

Conference: 6th Annual National Joint Tribal Emergency Management Conference

August 21-23, Green Bay, WI. Please consider joining us this coming year for the largest gathering of Native American emergency managers and homeland security personnel in the Country as we travel to the Oneida Nation in Wisconsin! If you have been waiting to work more closely with Tribal Country, then this is the conference for you! This year we celebrate the 6th Anniversary of the National Tribal Emergency Management Council. In addition, our partner organizations will be joining us in raising greater awareness to our Tribal Emergency Management programs, while increasing even further information sharing across the country. For more information and to register visit <http://ntemc.org/>

Summit: United South and Eastern Tribes Climate Resilience Summit

August 27-29, Verona, NY. Tribal experts and partners will come together to share knowledge and best practices in building climate change resilience within our South and Eastern Tribal Nations. Presenters and facilitators will include Tribal Nations with climate adaptation plans, local practitioners in resilience building, and partners from the Northeast and Southeast Climate Adaptation Science Centers. Register by August 19 at

<https://www.cvent.com/c/express/619641b0-21a4-4b7a-a45b-5dae64e02262>

September**Webinar: Actions to Reduce Risk in a Changing Climate: Findings from the Fourth National Climate Assessment**

September 3, 12pm EDT. NOAA and the U.S. Global Change Research Program present a OneNOAA Science Seminar Series highlighting findings from the Fourth National Climate Assessment. All webinars will be available at www.globalchange.gov/engage/webinars. For more, contact Katie Reeves (kreeves@usgcrp.gov) or Tracy Gill (Tracy.Gill@noaa.gov) or visit www.nodc.noaa.gov/seminars/.

Workshop: Mobilizing Indigenous and Local Knowledge Solutions: Addressing Climate Impacts and Vulnerabilities

September 3-5, Georgetown, Guyana. Like other Small Island Developing States (SIDS) regions, the Caribbean is already feeling the impacts of climate change, including more extreme weather, rising sea levels, coastal erosion, salination of drinking water, coral bleaching and death, ocean acidification and other ecosystemic and biological impacts. Call for submissions due June 21. For more information visit: <https://en.unesco.org/conference/lik-climate-caribbean>

Conference: 8th Annual Tribal Water Law Conference

September 26-27, Scottsdale, AZ. Join us in 2019 at CLE International's 8th annual Tribal Water Law Conference! This program brings together the preeminent experts in the field. You will hear from Tribes, local and federal government representatives, attorneys, consultants and other skilled professionals in this jam-packed, two-day program at the luxurious Hilton Resort & Villas in Scottsdale. For more information visit:

http://www.cvent.com/events/tribal-water-law-conference/event-summary-056585f0d3ea440da9b1f37bc76e8016.aspx?RefID=from%20www.cle.com&utm_source=WRRC+Summer+Wave%2C+Vol.+7%2C+Issue+2+%285%2F31%2F19%29+&utm_campaign=WW-5-3119&utm_medium=email

October**Conference: 10th Annual Northwest Climate Conference**

October 8-10, Portland, OR. 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. The event brings together practitioners, scientists, tribal communities, and decision-makers to share knowledge, ideas, and best practices related to climate change science, impacts, and adaptation in the Pacific Northwest. Topics include drought, wildfire, extreme events, coastal flooding, human and ecosystem health, and resiliency planning. For more information visit: <https://www.nwclimateconference.org/>.

November**Symposium: Southeast CASC Regional Science Symposium: Sharing Science to Support Climate Adaptation**

November 13-15, New Orleans, LA. More details and registration information coming soon! This event is intended for: Researchers and managers working in the southeastern U.S., including the U.S. Caribbean, on climate impacts and adaptation for fish, wildlife, habitat, cultural resources; Decision makers and practitioners from state fish and wildlife agencies, federal organizations, Tribes and tribal organizations, NGOs. Updates will be posted to Regional Science Symposium webpage at <https://globalchange.ncsu.edu/save-the-date-southeast-casc-regional-science->

[symposium-13-15-november-2019/?utm_source=Merged+Syposium+and+Newsletter+Lists&utm_campaign=51bb48ad1a-EMAIL_CAMPAIGN_2019_03_26_05_03_COPY_02&utm_medium=email&utm_term=0_bd5faaf92a-51bb48ad1a-123497021](https://www.energy.gov/indianenergy/projects/program-review)

Meeting: 2019 Office of Indian Energy Program Review

November 18-22, Denver, CO. The U.S. Department of Energy Office of Indian Energy holds annual Program Review meetings to provide an opportunity for tribes and Alaska Native villages to share their successes and best practices. Visit the [Archived Program Reviews page](#) to view Program Reviews prior to 2010. More details to come for this event. Please check back at <https://www.energy.gov/indianenergy/projects/program-review> for new information.

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