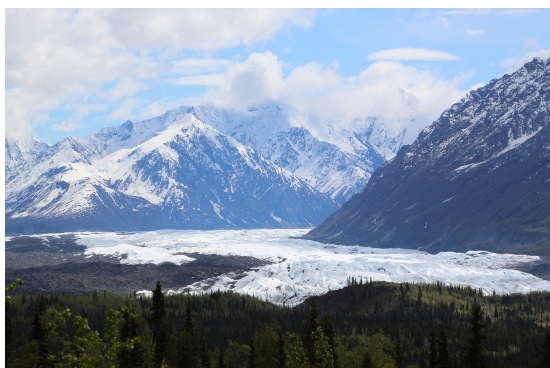




Welcome to ITEP's Tribal Climate Change Newsletter. This monthly newsletter provides news items, resources, announcements about funding opportunities, conferences, and training, and other information relevant to tribal climate change issues.

ITEP's Tribal Climate Change Newsletter

June 2018



Matanuska Glacier, Scenic Glenn Highway, Alaska
Photo credit: Leanna Begay

Hello!

Who's enjoying the summer sun?! We hope you're all getting out and exploring some terrific places and meeting new people. We recently travelled to Glennallen, AK for a Climate Change Adaptation Planning training, where we made some new friends, shared a meal and ate the best salmon I've ever eaten from the Copper River. A big THANK YOU to our hosts at the Copper River Native Association! What beautiful country I hope to visit again.

As we take a short break from our travel season we'd like to remind everyone of our wonderful Google Calendar (<http://www7.nau.edu/itep/main/tcc/Training/Events>). This is a great resource to checkout to find announcements, events, birthdays and other tid-bits that get posted between newsletters. Just kidding about the birthdays!

Not only is this calendar a good resource to keep up-to-date on the happenings across Indian Country and climate change but it's also helpful to have a good working email too. Recently we had a big surge in "Error Message" emails that have bounced back. If you haven't done so recently and there has been a change in your email address please update your information by clicking here:

<http://www7.nau.edu/itep/main/listsrv/>

I hope you didn't mind the little housekeeping tasks but we want to make sure everyone continues to receive this information.

As previously mentioned the online registration for ITEP's training for Climate Change Adaptation Planning to be held in San Diego, CA on August 07-09 is now closed. We are still

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Newsletter

To subscribe or unsubscribe to this newsletter, please go to www7.nau.edu/itep/main/listsrv/ where you can manage your Tribes & Climate Change Listserv and other ITEP Listserv subscriptions.

Tribes & Climate Change website

For more on tribes and climate change issues, visit ITEP's Tribes & Climate Change

waiting for confirmation for the Choctaw, Mississippi training once we receive confirmation registration will then be open. Stay posted at the following link:
<http://www7.nau.edu/itep/main/tcc/Training/Trainings>.

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

-Nikki, Karen, Leanna, Colleen & Adrian

website at
www7.nau.edu/itep/main/tcc/

In The News

'Impossible to Ignore': Why Alaska Is Crafting a Plan to Fight Climate Change

- Shaktoolik is one of 31 towns and cities in Alaska that may need to relocate because protective sea ice is vanishing, leaving shorelines exposed to erosion by fierce waves. © The New York Times, 05/15/2018. <https://www.nytimes.com/2018/05/15/climate/alaska-climate-change.html>

Round Valley included in new tribal grants

- The U.S. Department of the Interior and the National Park Service has announced the distribution of \$1,579,932 in historic preservation grants to California as well as \$4,454,266 for historic preservation grants to California's Tribal Historic Preservation Offices in the state. The funding is part of \$60 million going to states, territories and tribes across the country. © Willits News, 05/31/2018. <http://www.willitsnews.com/20180531/round-valley-included-in-new-tribal-grants>

We're keeping our Paris climate change commitments and our economies are booming: Governors

- A year after Donald Trump's retreat from Paris, we're fighting the climate change threat and our states are booming. But we need the feds back in the game. © USA Today, 06/01/2018. <https://www.usatoday.com/story/opinion/2018/06/01/climate-change-work-continues-trumps-paris-retreat-governors-column/661059002/>

U.S. Coastal Flooding Breaks Records as Sea Level Rises, NOAA Report Shows

- The frequency of high-tide flooding has doubled in 30 years. Some cities faced more than 20 days of it in the past year, and not just during hurricanes. © Inside Climate News, 06/06/2018. https://insideclimatenews.org/news/06062018/coastal-flooding-data-sea-level-rise-climate-change-noaa-report-high-tide-risk?utm_source=InsideClimate+News&utm_campaign=ed6a235f34-&utm_medium=email&utm_term=0_29c928ffb5-ed6a235f34-327881649

An Advocate for Indian Country in the Trump Administration?

- Tara Sweeney, an Inupiaq woman from Alaska, could become the second Native woman to head Indian Affairs. © High Country News, 06/09/2018. <http://list.hcn.org/dm?id=329AC2948160898F07B68A101FB20758>

Antarctic Ice Loss has Tripled in a Decade. If That Continues, We Are in Serious Trouble

- Antarctica's ice sheet is melting at a rapidly increasing rate, now pouring more than 200 billion tons of ice into the ocean annually and raising sea levels a half-millimeter every year, a team of 90 scientists reported Wednesday. © The Washington Post, 06/13/2018. https://www.washingtonpost.com/news/energy-environment/wp/2018/06/13/antarctic-ice-loss-has-tripled-in-a-decade-if-that-continues-we-are-in-serious-trouble/?noredirect=on&utm_term=.82a471a33bf8

How Native American Food is Tied to Important Sacred Stories

- The U.S. Supreme Court upheld a lower court ruling, on June 11, that asked Washington state to remove culverts that block the migration of salmon. The ruling has significant implications for Northwest Coast tribes, whose main source of food and livelihood is salmon. © The Conversation, 06/15/2018. http://theconversation.com/how-native-american-food-is-tied-to-important-sacred-stories-97770?utm_medium=email&utm_campaign=Latest%20from%20The%20Conversation%20for%20June%2015%202018%20-%20104339205&utm_content=Latest%20from%20The%20Conversation%20for%20June%2015%202018%20-%20104339205+CID_d219d690bb79fef51e7627cd115166c0&utm_source=campaign_monitor_us&utm_term=How%20Native%20American%20food%20is%20tied%20to%20important%20sacred%20stories

Unusually Hot Spring Threw Plants, Pollinators Out of Sync in Europe

- Butterflies hatched early with the heat, but their flowers hadn't opened yet. Bees are under pressure, too. 'You can see the climate change.' © Inside Climate News, 06/16/2018. https://insideclimatenews.org/news/15062018/climate-change-impacts-pollen-pollination-flowers-bees-butterflies-europe-heat-wave-global-warming-research?utm_source=InsideClimate+News&utm_campaign=ed6a235f34-&utm_medium=email&utm_term=0_29c928ffb5-ed6a235f34-327881649

Virtual Reality Preserves Disappearing Land

- Coastal communities are capturing their cultures and landscapes in virtual reality before sea level rise steals them for good. © Hakai Magazine, 06/18/2018. <https://www.hakaimagazine.com/news/virtual-reality-preserves-disappearing-land/>

Resources

Protecting the Health and Well-Being of Communities in a Changing Climate: Proceedings of a Workshop

- To download a free PDF of *Protecting the Health and Well-Being of Communities in a Changing Climate: Proceedings of a Workshop*, please log in with your existing MyNAP account, create a free MyNAP account, or download as a guest. © The National Academies of Sciences, Engineering, and Medicine. 2017.
<https://www.nap.edu/catalog/24797/protecting-the-health-and-well-being-of-communities-in-a-changing-climate>

Tribes Approved for Treatment as a State (TAS)

- Several federal environmental laws authorize EPA to [treat eligible federally recognized Indian tribes as a state \(TAS\)](#) for the purpose of implementing and managing certain environmental programs and functions, and for grant funding. Visit <https://www.epa.gov/tribal/tribes-approved-treatment-state-tas> to view federally recognized Indian tribes that have received TAS approvals for specific environmental regulatory programs, administrative functions, and grant programs. Tribes must apply for and receive EPA approval for each specific program or function. © USEPA. 05/2018.

Traditional Knowledge About Polar Bears (*Ursus maritimus*) in East Greenland: Changes in the Catch and Climate Over Two Decades

- Interviews with 25 Inuit polar bear hunters in East Greenland provide a wealth of knowledge about changes in sea ice, warming, and polar bear distribution and trends. Evidence of climate change reported by the hunters included receding glaciers, higher temperatures, and the loss of sea ice. These changes made it harder for them to access sea ice, because dog sledges are no longer safe given wide patches of open water during months when sea ice used to be safe to travel over. In addition, about 80% of hunters reported that more polar bears are entering their communities, which they attributed to both the loss of sea ice and the introduction of quota limits on polar bear hunts. The research on traditional Inuit knowledge was conducted by SAFS and Applied Physics Lab professor Kristin Laidre, Allison Northey, and Fernando Ugarte, and is published in *Frontiers in Marine Science*. © University of Washington. 05/11/2018. <https://www.frontiersin.org/articles/10.3389/fmars.2018.00135/full>

Available Science Assessment Process: Sea Level Rise in the Pacific Northwest

- Sea level rise is having and will continue to have a wide range of effects on coastal habitats, species, and communities, ranging from saltwater intrusion of freshwater ecosystems and aquifers to habitat conversion and infrastructure loss. Some of these effects are already causing forced relocation of coastal communities in Alaska (e.g., Shishmaref, Kivalina, Newtok) and Washington State (e.g., Hoh). © USGS. 05/21/2018.
<https://casc.usgs.gov/content/available-science-assessment-process-sea-level-rise-pacific-northwest>

Collaboration Across Worldviews: Managers and Scientists on Hawai'i Island Utilize Knowledge Coproduction to Facilitate Climate Change Adaptation

- As part of the Pacific Islands Climate Adaptation Science Center, this paper outlines the University of Hawai'i at Hilo's Manager Climate Corps program's (MCC) step by step development engaging partnerships with a diverse group of scientists, resource managers, policy professionals, and cultural practitioners. **The central tenant of the paper is showcasing an on-the-ground example of collaboration and knowledge coproduction in action, while supporting existing professional networks to build upon communities' capacities for adaptation, resilience, and sustainability in the face of socio-ecological change** (i.e., climate change impacts, land-use change, cultural change, invasive species impacts, etc.). © Environmental Management. 05/30/2018.
<https://link.springer.com/article/10.1007%2Fs00267-018-1069-7>

Southwest CASC 2017 Annual Report

- In 2017, the Southwest Climate Adaptation Science Center's (SW CASC) research focused on a number of high priority topic areas, with a major theme of addressing rising temperatures and climate extremes in the Southwest. The SW CASC recently published its [2017 Annual Report](#) featuring science projects looking at the impacts of climate extremes in a variety of the Southwest's ecosystems, from coastal estuaries to the Colorado River and the Great Basin Desert. SW CASC researchers also tackled the task of assessing stakeholder needs, to better serve managers and communities in the region. © USGS. 05/31/2018.
<https://casc.usgs.gov/content/southwest-casc-2017-annual-report>

Southeast Climate Adaptation Science Center

- June 2018 Newsletter. © Department of the Interior SE Climate Science Center. 06/19/2018.
<https://globalchange.ncsu.edu/june-2018-newsletter/>

Climate Adaptation Science Centers

- Climate Adaptation Insights. News from the National and Regional Climate Adaptation Science Centers. © USGS. 06/20/2018. <https://casc.usgs.gov/>

WE ARE STILL IN

- Since its initial release on June 5, 2017, more than 2,800 leaders from America's city halls, state houses, boardrooms and college campuses, representing more than 160 million Americans and \$6.2 trillion of the U.S. economy have signed the We Are Still In declaration. Hundreds more have signed similar declarations in support of climate action. Of these signatories, 9 tribes signed "... to declare that we will continue to support climate action to meet the Paris Agreement." © WE ARE STILL IN. 06/25/2018. <https://www.wearestillin.com/>

Other Items of Interest

Internship: National Farmers Union

- ❖ National Farmers Union (NFU) is looking for fall interns. NFU's internship program offers real world work experience in its Washington, D.C., office. NFU's internships typically last two to three months and may be tailored to the career goals of the individual. Internship areas of interest include communications, cooperative development, economics, education, membership marketing, policy research and political science. To apply for an internship, please submit a cover letter, resume, and writing sample to Alexis Dunnum at adunnum@nfudc.org. To learn more visit <https://nfu.org/education/internships/>.

Climate Change Teacher Ambassadors Will Highlight Work in Upcoming Webinars

- ❖ We welcomed our first eight NCSEteach Teacher Ambassadors in February through the Turning Misinformation into Educational Opportunities (TMEIO) Workshop at George Mason University. This group of teachers developed a unit of 5 hands-on lessons on climate change and field tested them throughout this past semester. Now, they are poised to present their lessons to teachers nationally through a series of webinars starting July 31 to be produced collaboratively by NCSE and the [Alliance for Climate Education](#) (ACE). © National Center for Science Education, 06/25/2018. <https://ncse.com/blog/2018/06/meet-our-climate-change-teacher-ambassadors-0018768>

Call for Student Participants: Mentoring Our Own Native Scientists (MOONS)

- ❖ Participate in an upcoming National Science Foundation funded workshop focused on Mentoring Our Own Native Scientists (MOONS). It will take place between Sept 19-21, 2018 at Haskell Indian Nations University in Lawrence, Kansas. Students interested in participating in the workshop must submit (1) a 500-word statement about how the workshop relates to their academic pursuits and (2) a letter from their undergraduate/graduate advisor indicating they are in good academic standing. Applications must be sent in electronic form by emailing them to Mandy Frank (mandy.frank@ku.edu) as attachments in MS Word or Adobe pdf format **by June 30, 2018**.

Native Student Professional Development Program

- ❖ The Wildlife Society announces a Professional Development Program for indigenous students interested in the Wildlife Profession. Individuals selected for this program will receive funds to help cover registration fees, lodging, meals, and transportation to and from the 25th Annual Conference of The Wildlife Society. Program participants will also receive a one-year membership in The Wildlife Society and become members of the Native People's Wildlife Management Working Group. Email all application materials to Ashley Archer Ashley.archer6@gmail.com **no later than August 17, 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/>

USDA Forest Service Community Forest and Open Space Conservation Program

- The Community Forest and Open Space Conservation Program (Community Forest Program) offers a unique opportunity for communities to acquire and conserve forests that provide public access and recreational opportunities, protect vital water supplies and wildlife habitat, serve as demonstration sites for private forest landowners, and provide economic benefits from timber and non-timber products. The U.S. Department of Agriculture, Forest Service, State and Private Forestry, Cooperative Forestry staff, requests applications for the Community Forest and Open Space Conservation Program (Community Forest Program or CFP). This is a competitive grant program whereby local governments, qualified nonprofit organizations, and Indian tribes are eligible to apply for grants to establish community forests through fee simple acquisition of private forest land from a willing seller. The purpose of the program is to establish community forests by protecting forest land from

conversion to non-forest uses and provide community benefits such as sustainable forest management, environmental benefits including clean air, water, and wildlife habitat; benefits from forest-based educational programs; benefits from serving as models of effective forest stewardship; and recreational benefits secured with public access. Eligible Entities: Local governments and Indian tribes. **Applications Due: June 29, 2018.** For more information, visit the funding opportunity [description](#).

Tribal Resilience and Ocean and Coastal Management and Planning

- The Secretary of the Interior (Secretary), through the Office of Trust Services, Tribal Resilience Program (Program) hereby solicits proposals from federally recognized tribes to receive grants that support resilience and ocean and coastal management and planning. This program supports tribes preparing for extreme events and harmful environmental trends that impact tribal treaty and trust resources, economies, infrastructure, and human health and safety. The Program will provide funding for tribal projects that support tribal resilience and ocean and coastal management planning as tribes incorporate science (including Traditional Knowledge) and technical information to prepare for the impacts of extreme events and harmful environmental trends. **Deadline: 07/02/2018.** <https://www.grants.gov/web/grants/view-opportunity.html?oppld=304843>. The Bureau of Indian Affairs-Tribal Resilience Program, held a webinar to answer questions about the two notices of funding, please visit http://www7.nau.edu/itep/main/tcc/Training/Webinars_2018 to listen to the archived webinar.

Tribal Resilience and Ocean and Coastal Management and Planning

- The BIA's Tribal Resilience Program is pleased to announce the availability of funding for tribal projects that support tribal resilience as tribes incorporate the science (including Traditional Knowledge) and technical information to prepare for extreme events and harmful environmental trends that impact tribal treaty and trust resources, economies, infrastructure, and human health and welfare. See the solicitation on [grants.gov](#), as Funding Opportunity Number: BIA 1800-0001. Eligibility is limited to **not-for-profit, non-governmental tribal organizations and associations, and tribally-controlled colleges and universities (TCUs)**, collectively referred to as "tribal organization(s)" in the announcement. **Deadline: 7/12/2018.** <https://www.grants.gov/web/grants/view-opportunity.html?oppld=305465>. The Bureau of Indian Affairs-Tribal Resilience Program, held a webinar to answer questions about the two notices of funding, please visit http://www7.nau.edu/itep/main/tcc/Training/Webinars_2018 to listen to the archived webinar.

Organic Farming Research Foundation (OFRF)

- Based on the OFRF report, [2016 National Organic Research Agenda](#) (NORA), this year's priority areas for research projects include soil health, innovative weed control, organic insect pest management, livestock health, social science research on the marketing, policy, and economic barriers to successful organic production and barriers to transition, and emerging issues related to environmental, economic, or social challenges for organic growers. Submissions must meet one or more of the six priority areas. We encourage applicants to download the report for more details. It is important to note the **new early release date of July 15, 2018 for the Letters of Intent**. Otherwise, the timeline is the same as previous years. Those invited to submit full proposals will be notified in the fall. Grant funding will be announced in spring 2019. <https://mailchi.mp/ofrf.org/heads-up-ofrf-releases-priorities-for-2018-grant-applications-81085?e=387819b2d2>

DOI WaterSMART Grants: Water Marketing Strategy Grants

- Through the WaterSMART Water Marketing Strategy Grants, Reclamation provides cost-shared financial assistance to states, tribes, and local governments to develop water marketing strategies to establish or expand water markets or water marketing activities between willing participants, in compliance with state and Federal laws. This 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, this FOA will expand the lines of communication between Reclamation and local communities, and among the community stakeholders themselves, restoring community trust. Eligible Entities: States, Indian tribes, irrigation districts, water districts, or other organizations with water or power delivery authority located in the Western United States or United States Territories as identified in the Reclamation Act of June 17, 1902, as amended. **Applications Due: July 17, 2018.** For more information, visit the funding opportunity [description](#).

Tribal Healthy Homes Grant

- HUD's Office of Lead Hazard Control and Healthy Homes Tribal Healthy Homes Production (HHP) Grant provides \$12 million, grant amounts are minimum \$500,000 to maximum \$1,000,000. The purpose of the HHP program is to assist American Indian and Alaska Native tribal governments to identify and remediate housing related health and safety hazards. This program will assist American Indian and Alaska Native tribal governments to develop comprehensive programs to identify and remediate housing issues that contribute to health and safety issues in

urban and tribal communities. **Application deadline is July 18, 2018.** #FR-6100-N-44 on grants.gov. Visit www.grants.gov for more information.

DOT BUILD Transportation Program

- The Better Utilizing Investments to Leverage Development (BUILD) Transportation Discretionary Grants program replaces the pre-existing Transportation Investment Generating Economic Recovery (TIGER) grant program. As the Administration looks to enhance America's infrastructure, FY 2018 BUILD Transportation grants are for investments in surface transportation infrastructure and are to be awarded on a competitive basis for projects that will have a significant local or regional impact. BUILD funding can support roads, bridges, transit, rail, ports or intermodal transportation. Projects for BUILD will be evaluated based on merit criteria that include safety, economic competitiveness, quality of life, environmental protection, state of good repair, innovation, partnership, and additional non-Federal revenue for future transportation infrastructure investments. Eligible Entities: State, local and tribal governments, with emphasis on rural areas. **Applications Due: July 19, 2018.** For more information, visit the funding opportunity [description](#).

EPA Announces WIFIA Funding for Water Infrastructure Projects

- EPA has announced the availability of approximately \$5.5 billion in credit that could finance over \$11 billion in water infrastructure projects through the Water Infrastructure Finance and Innovation Act (WIFIA) program. Prospective borrowers seeking WIFIA credit assistance must **submit a letter of interest by July 31, 2018.** EPA's WIFIA program will host webinars and information sessions for prospective borrowers to foster a greater understanding of the WIFIA program requirements and pave the way for successful applications to the program. A WIFIA Letter of Interest Submission and Selection Process Question and Answer Session has been scheduled for May 30, 2018, 2:00 p.m. - 3:30 p.m. (ET). To register, please visit: <https://www.epa.gov/wifia/wifia-resources#informationanchor>

DOI WaterSMART Grants: Small-Scale Water Efficiency Project

- Through Small-Scale Water Efficiency Projects, Reclamation provides assistance to states, tribes, irrigation districts, water districts, and other entities with water or power delivery authority to undertake specific small-scale water efficiency projects that have been prioritized through planning efforts led by the applicant. This Small-Scale Water Efficiency Projects FOA supports specific small-scale water efficiency projects that have been prioritized through planning efforts led by the applicant. These projects conserve and use water more efficiently; mitigate conflict risk in areas at a high risk of future water conflict; and accomplish other benefits that contribute to water supply reliability in the western United States. Eligible Entities: States, Indian tribes, irrigation districts, water districts, or other organizations with water or power delivery authority located in the Western United States or United States Territories as identified in the Reclamation Act of June 17, 1902, as amended. **Applications Due: July 31, 2018.** For more information, visit the funding opportunity [description](#).

Power Resources Office Request for Proposals for Strategic Energy Initiatives

- Issued by the Power Resources Office (PRO) using appropriated funding, this Request for Proposal (RFP), solicits strategic energy project proposals from Reclamation regional, area, and facility offices (collectively, the regions); and the Denver Technical Service Center (TSC). Through this RFP, the PRO aims to leverage Bureau expertise and increase regional participation in advancing the Department's [Memorandum of Understanding for Hydropower](#) and [Strategic Plan for Fiscal Years 2018-2022](#) to better manage water resources across Reclamation.

To that end, all project proposals must seek to accomplish one, or both, of the following:

1. Analyze or demonstrate innovative and cost-effective solutions that can strengthen hydropower generation or energy efficiency at Reclamation projects where outcomes or lessons learned can be used to deliver a greater, Reclamation-wide benefit.
2. Assist Tribes in the development of sustainable energy resources to enhance the management of water resources.

Per the RFP, proposals are due to the PRO (Clark Bishop, cbishop@usbr.gov) **by August 17, 2018.** The PRO anticipates notifying successful applicants by September 7, 2018.

EPA Tribal Clean Diesel Funding Assistance Program

- EPA's Office of Transportation and Air Quality is soliciting proposals nationwide for projects that achieve significant reductions in diesel emissions in terms of tons of pollution produced by diesel engines and diesel emissions exposure, particularly from fleets located in areas designated as having poor air quality. Further, priority for funding will be given to projects which result in outcomes that benefit affected communities, those that engage affected communities with respect to the design and performance of the project, and those which can demonstrate the

ability to promote and continue efforts to reduce emissions after the project has ended. Eligible Entities: Tribal governments and Alaska Native Villages which have jurisdiction over transportation or air quality. **Applications Due: September 6, 2018.** For more information, visit the Clean Diesel Tribal Grants [web page](#).

DOI National Park Service: Land and Water Conservation Fund Outdoor Recreation Legacy Partnership Program

- This Notice of Funding Opportunity (NOFO) is to advise States, local units of government, and federally-recognized Indian Tribes of the availability of funds for grants from the Land and Water Conservation Fund's (LWCF) Outdoor Recreation Legacy Partnership (ORLP) Program. The purpose of the LWCF ORLP is to provide grants to acquire and/or develop public lands for outdoor recreation purposes consistent with the purposes of the LWCF, but with the further specific goals of funding projects that:

- * Are located within or serve jurisdictions delineated by the Census Bureau from the 2010 Census as "urbanized areas," that is, areas with a population of 50,000 or more people and consisting of densely settled territory.

- * Are located in or are directly accessible to neighborhoods or communities that are underserved in terms of parks and recreation resources and where there are significant populations of people who are economically disadvantaged. Eligible Entities: State and local government agencies and federally recognized Indian tribes.

Applications Due: September 14, 2018. For more information, visit the funding opportunity [description](#).

Paleo Perspectives on Climate Change (NSF)

- The goal of research funded under the interdisciplinary P2C2 solicitation is to utilize key geological, chemical, atmospheric (gas in ice cores), and biological records of climate system variability to provide insights into the mechanisms and rate of change that characterized Earth's past climate variability, the sensitivity of Earth's climate system to changes in forcing, and the response of key components of the Earth system to these changes. Funding opportunity #: 17-582. Eligibility is unrestricted. **Deadline: 10/22/2018.** <https://www.grants.gov/web/grants/search-grants.html>

No-Cost Technical Assistance Opportunities

EPA Technical Assistance to Brownfields Communities Program

- ⇒ EPA's Technical Assistance to Brownfields (TAB) Communities Program helps communities, states, tribes and others understand risks associated with contaminated or potentially contaminated properties, called brownfields, and learn how to assess, safely clean up and sustainably reuse them. EPA funds three organizations—Kansas State University, the New Jersey Institute of Technology and the Center for Creative Land Recycling—to serve as independent sources of technical assistance. Each of these TABs has an extensive network of partners, contractors and other contacts that provides services across the country. They help communities tackle a variety of challenges related to identifying, assessing, cleaning up and redeveloping brownfields. The technical assistance comes at no cost to communities. Applications Due: Not Applicable. Eligible Entities: State, local and tribal governments. For more information, visit the [technical assistance description](#).

On Request Technical Assistance from DOE Office of Indian Energy

- ⇒ The DOE Office of Indian Energy provides federally recognized Indian tribes, including Alaska Native villages, tribal energy resource development organizations, and other organized tribal groups and communities, with technical assistance to advance tribal energy projects at no cost. Technical experts from DOE and its national laboratories, along with other partnering organizations, provide support to assist Indian tribes and Alaska Native villages with energy planning, housing and building energy efficiency, project development, policy and regulation, resilience, and village power. **Applications Due: Not Applicable.** **Eligible Entities: Tribal governments.** For more information, visit the on-request [technical assistance description](#).

NREL Solar Technical Assistance Team

- ⇒ The Solar Technical Assistance Team (STAT) Network gathers NREL solar technology and deployment experts to provide unbiased information on solar policies and issues for state and local government decision makers. The expert assistance is intended to support legislators, regulators, state agencies, and their staff members in making informed decisions about solar projects and policies. The STAT Network is a project of the U.S. Department of Energy Solar Energy Technologies Office that is implemented in partnership with NREL. **Applications Due: Not Applicable.** **Eligible Entities: State and local governments.** For more information, visit the [technical assistance description](#).

NREL Energy Efficiency Technical Assistance Team

- ⇒ The Energy Efficiency Technical Assistance Team is a network of energy efficiency policy and implementation experts who provide timely, unbiased expertise to assist policymakers and regulators in making informed decisions about energy efficiency programs and policies. Requests for technical assistance must be submitted by state

officials, including state legislative or regulatory bodies and their staff members. *Applications Due: Not Applicable.*
Eligible Entities: State and local governments. For more information, visit the on-request [technical assistance description](#).

Upcoming Events

NOTE: More Upcoming Events can be found at the Tribes & Climate Change website:
<http://www7.nau.edu/itep/main/tcc/Home/Events>

July

Webinar (3 of 6): Writing a Successful Evaluation Plan for Your Grant Application

July 11, 1:00 p.m. (ET). The Health Resources and Services Administration (HRSA) is hosting a FREE Grants Education and Technical Assistance Webinar Series for Tribes, Tribal Organizations, Indian Health, Tribal and Urban Indian Health Programs. Learn about the federal grant application process, how to write better grant proposals and evaluation plans for your projects, strategies for successful grant management, and more. Participants will also have the opportunity to connect with HRSA subject matter experts, grant reviewers, as well as peers to discuss best practices and barriers to successful grants application and management. Register here: https://hrsa.connectsolutions.com/federal_grant_application_recording/event/registration.html

Webinar (Clean Water Act Coffee Break “30 Minute” Webinar Series): Fracking

July 11, 10 a.m. (ET). This session will give an overview of the technology, resources, and regulations of hydraulic fracturing (commonly called “fracking”), a well stimulation technique used for extracting oil or natural gas from underground geologic formations. To view complete listing and to register, visit: https://epawebconferencing-events.acms.com/content/connect/c1/7/en/events/catalog.html?folder-id=126978073&OWASP_CSRFTOKEN=77e2f94e0470bf17c9970327aaab5bfd595b5dd84bf7db4eac09ac43fdbe4302

Workshop Series: Building Tribal Capacity for Climate Change Vulnerability Assessment, A Workshop Series for Northwest and Great Basin Tribes

July 12, Olympia, WA. Northwest Indian Fisheries Commission Conference Center. Preparing for and responding to the impacts of climate change will be critical to the future well-being of tribal communities. And yet, many tribes experience difficulty initiating and completing the first step of the climate adaption planning process: assessing locally-specific climate risks that account for the unique priorities, values, and concerns of individual tribes. For more information on the workshops and to RSVP for the workshop nearest you, please contact Arwen Bird: Arwen@wovenstrategies.com.

Tsleil-Waututh Nation Climate Summit

July 17, North Vancouver, BC. Tsleil-Waututh Nation (TWN) invites you to a Climate Summit aimed at bringing together First Nations and all levels of government, academics, NGOs, and industry to share information on climate change-related impacts in our region. This event will be an opportunity to learn about the current initiatives being undertaken by different groups. Register at: https://www.eventbrite.com/e/tsleil-waututh-nation-climate-summit-registration-46549487771?utm_term=eventname_text

Webinar (Clean Water Act Coffee Break “30 Minute” Webinar Series): Pretreatment

July 18, 10 a.m. (ET). NPDES-permitted facilities must meet certain standards and permit limits. In this session, we will discuss the requirements that apply to facilities that discharge to the city’s sewer system; describe the pretreatment program; and explain what could happen if a facility is not in compliance with pretreatment requirements. To view complete listing and to register, visit: https://epawebconferencing-events.acms.com/content/connect/c1/7/en/events/catalog.html?folder-id=126978073&OWASP_CSRFTOKEN=77e2f94e0470bf17c9970327aaab5bfd595b5dd84bf7db4eac09ac43fdbe4302

Workshop Series: Building Tribal Capacity for Climate Change Vulnerability Assessment, A Workshop Series for Northwest and Great Basin Tribes

July 18, Pendleton, OR. Tamástslikt Cultural Institute. Preparing for and responding to the impacts of climate change will be critical to the future well-being of tribal communities. And yet, many tribes experience difficulty initiating and completing the first step of the climate adaption planning process: assessing locally-specific climate risks that account for the unique priorities, values, and concerns of individual tribes. For more information on the workshops and to RSVP for the workshop nearest you, please contact Arwen Bird: Arwen@wovenstrategies.com.

Webinar (Clean Water Act Coffee Break “30 Minute” Webinar Series): Biosolids

July 25, 10 a.m. (ET). Biosolids in EPA regulations. We will discuss what are Biosolids and why the regulations do not explicitly say Biosolids. We will also discuss which facilities are required to comply with biosolids regulations, how many tons of biosolids are produced each year, and whether cities are authorized to sell their biosolids to supplement their budgets. To view complete listing and to register, visit: https://epawebconferencing-events.acms.com/content/connect/c1/7/en/events/catalog.html?folder-id=126978073&OWASP_CSRFTOKEN=77e2f94e0470bf17c9970327aaab5bfd595b5dd84bf7db4eac09ac43fdbe4302

Summer Youth Camp: Nenda – Gikendan Noopiming gaye Nibbing (“seeking knowledge in the woods and place of water”)

July 30-August 3, Duluth, MN. This week-long camp is designed to provide Native American students an opportunity to gain hands-on experience in the field of natural resource management, and encourage the pursuit of related college majors and careers. Participants will spend time in classroom sessions, field trips, recreational events, and have the opportunity to work alongside professionals in real-life fish and game monitoring and survey activities. www.1854treatyauthority.org

ITEP Training: Climate Change Adaptation Planning

July 31-August 02, Choctaw, MS. ITEP is excited to be collaborating with *Mississippi Band of Choctaw Indians* on an **Introduction to Climate Change Adaptation Planning** course. This course provides an overview to planning for climate change impacts, highlighting the work of several tribes. The course is intended for tribal environmental and natural resource professionals who expect to be involved in climate change adaptation planning. Since the course will focus on climate change impacts and planning in a specific region, we especially encourage people from that region to attend. **Registration is now open** at <http://www7.nau.edu/itep/main/tcc/Training/Trainings>

August**Webinar (Clean Water Act Coffee Break “30 Minute” Webinar Series): CAFOs**

August 1, 10 a.m. (ET). Concentrated Animal Feeding Operations (CAFOs). In this session, we will explore some of the possible environmental problems at CAFOs, EPA's overall approach to CAFOs, and OECA's enforcement approach to CAFOs. To view complete listing and to register, visit: https://epawebconferencing-events.acms.com/content/connect/c1/7/en/events/catalog.html?folder-id=126978073&OWASP_CSRFTOKEN=77e2f94e0470bf17c9970327aaab5bfd595b5dd84bf7db4eac09ac43fdbe4302

Webinar (Clean Water Act Coffee Break “30 Minute” Webinar Series): Oil Spills, Prevention, and Response Planning

August 1, 2 p.m. (ET). The Oil Pollution Act of 1990 (OPA) amended Section 311 the CWA to increase enforcement authorities and penalties for oil spills. This session will provide an overview of the oil spill prohibitions, spill prevention and response planning regulatory authority, and enforcement. To view complete listing and to register, visit: https://epawebconferencing-events.acms.com/content/connect/c1/7/en/events/catalog.html?folder-id=126978073&OWASP_CSRFTOKEN=77e2f94e0470bf17c9970327aaab5bfd595b5dd84bf7db4eac09ac43fdbe4302

ITEP Training: Climate Change Adaptation Planning

August 07-August 09, La Jolla, CA. ITEP is excited to be collaborating with *Climate Science Alliance: South Coast* on an **Introduction to Climate Change Adaptation Planning** course. This course provides an overview to planning for climate change impacts, highlighting the work of several tribes. The course is intended for tribal environmental and natural resource professionals who expect to be involved in climate change adaptation planning. **Registration is now closed.**

Webinar (4 of 6): Preparing for a Budget for Your Grant Proposal

August 8, 1:00 p.m. (ET). The Health Resources and Services Administration (HRSA) is hosting a FREE Grants Education and Technical Assistance Webinar Series for Tribes, Tribal Organizations, Indian Health, Tribal and Urban Indian Health Programs. Learn about the federal grant application process, how to write better grant proposals and evaluation plans for your projects, strategies for successful grant management, and more. Participants will also have the opportunity to connect with HRSA subject matter experts, grant reviewers, as well as peers to discuss best practices and barriers to successful grants application and management. Register here: https://hrsa.connectsolutions.com/federal_grant_application_recording/event/registration.html

Webinar (Clean Water Act Coffee Break “30 Minute” Webinar Series): Effluent Guidelines

August 8, 10 a.m. (ET). Effluent guidelines are important in determining the appropriate NPDES permit limits for a facility. This presentation will provide background on effluent guidelines and describe what types of facilities have effluent guidelines. This session will also explore how effluent guidelines are developed. To view complete listing and to register, visit: https://epawebconferencing-events.acms.com/content/connect/c1/7/en/events/catalog.html?folder-id=126978073&OWASP_CSRFTOKEN=77e2f94e0470bf17c9970327aaab5bfd595b5dd84bf7db4eac09ac43fdbe4302

Webinar (Clean Water Act Coffee Break “30 Minute” Webinar Series): Construction Stormwater

August 8, 2 p.m. (ET). There are regulations that apply to stormwater from a construction site. Discussed will be the key best management practices (BMPs) that a construction site must follow to reduce stormwater flow or reduce the likelihood that stormwater will pick up pollutants like sediment, debris and chemicals from loose soil. To view complete listing and to register, visit: https://epawebconferencing-events.acms.com/content/connect/c1/7/en/events/catalog.html?folder-id=126978073&OWASP_CSRFTOKEN=77e2f94e0470bf17c9970327aaab5bfd595b5dd84bf7db4eac09ac43fdbe4302

Conference: 2nd Annual National Native Health Research Training Conference

August 8-10, Prior Lake, MN. The goal of the NNHRT conference is to disseminate new research and best practices around American Indian and Alaska Native health to build capacity and promote tribally-driven research activity. <http://www.nnhrti.org/>

ITEP Conference: 8th Annual Tribal Lands and Environment Forum

August 13-16, Spokane, WA. This year's Forum will feature special trainings, field trips, and breakout sessions focused on our conference theme: A National Conversation on Tribal Land and Water Resources. Topics highlighted at the forum 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. http://www7.nau.edu/itep/main/Conferences/confr_tlef

Webinar (Clean Water Act Coffee Break “30 Minute” Webinar Series): Wetlands

August 15, 10 a.m. (ET). An area that, based upon its soils, hydrology and vegetation is considered a “water of the United States” under the CWA. In this session, you will find out what a wetland is and the CWA statutory provisions and regulations that apply. To view complete listing and to register, visit: https://epawebconferencing-events.acms.com/content/connect/c1/7/en/events/catalog.html?folder-id=126978073&OWASP_CSRFTOKEN=77e2f94e0470bf17c9970327aaab5bfd595b5dd84bf7db4eac09ac43fdbe4302

Webinar (Clean Water Act Coffee Break “30 Minute” Webinar Series): NPDES Electronic Reporting Rule

August 22, 10 a.m. (ET). Electronically submitted data for NPDES-regulated facilities. In this session, you will learn why NPDES permittees are not already reporting information electronically. To view complete listing and to register, visit: https://epawebconferencing-events.acms.com/content/connect/c1/7/en/events/catalog.html?folder-id=126978073&OWASP_CSRFTOKEN=77e2f94e0470bf17c9970327aaab5bfd595b5dd84bf7db4eac09ac43fdbe4302

Conference: National Conference on Ecosystem Restoration

August 26-30, New Orleans, LA. The purpose of **NCER** is to provide an interactive forum for physical, biological and social scientists, engineers, resource managers, planners and policy makers to share their experiences and research results concerning large-scale ecosystem restoration on both national and international levels. <http://conference.ifas.ufl.edu/ncer2018/index.html>

Conference: California Adaptation Forum

August 27-29, Sacramento, CA. The biennial California Adaptation Forum gathers the adaptation community to foster knowledge exchange, innovation, and mutual support to create resilient communities throughout the state. The Forum offers a series of engaging plenaries, sessions, networking opportunities, workshops, and tours to support our transition from adaptation awareness and planning to action. <http://www.californiaadaptationforum.org/>

Webinar (Clean Water Act Coffee Break “30 Minute” Webinar Series): Vessels

August 29, 10 a.m. (ET). An overview of EPA's regulation of ballast water and other incidental discharges from vessels under the NPDES Vessel General Permit (VGP). We will discuss why certain discharges need permit coverage, the types of vessels that are eligible for permit coverage, and the applicable CWA standards. To view complete listing and to register, visit: https://epawebconferencing-events.acms.com/content/connect/c1/7/en/events/catalog.html?folder-id=126978073&OWASP_CSRFTOKEN=77e2f94e0470bf17c9970327aaab5bfd595b5dd84bf7db4eac09ac43fdbe4302

events.acms.com/content/connect/c1/7/en/events/catalog.html?folder-id=126978073&OWASP_CSRFTOKEN=77e2f94e0470bf17c9970327aaab5bfd595b5dd84bf7db4eac09ac43fdb4302

September

Conference: Our Estuary at an Intersection

September 10-12, Sacramento, CA. The Biennial Bay-Delta Science Conference is a forum for presenting technical analyses and results relevant to the Delta Science Program's mission to provide the best possible, unbiased, science-based information for water and environmental decision-making in the Bay-Delta system. The goal of the conference is to offer new information and syntheses to the broad community of scientists, engineers, resource managers, and stakeholders working on Bay-Delta issues. <http://scienceconf2018.deltacouncil.ca.gov/>

Webinar (5 of 6): Effective Grants Management/Administration & Reporting

September 12, 1:00 p.m. (ET). The Health Resources and Services Administration (HRSA) is hosting a FREE Grants Education and Technical Assistance Webinar Series for Tribes, Tribal Organizations, Indian Health, Tribal and Urban Indian Health Programs. Learn about the federal grant application process, how to write better grant proposals and evaluation plans for your projects, strategies for successful grant management, and more. Participants will also have the opportunity to connect with HRSA subject matter experts, grant reviewers, as well as peers to discuss best practices and barriers to successful grants application and management. Register here: https://hrsa.connectsolutions.com/federal_grant_application_recording/event/registration.html

Summit: Global Climate Action Summit

September 12-14, San Francisco, CA. The 2018 Summit will bring people together from around the world to showcase climate action and inspire deeper commitments from nation governments, and each other, in support of the Paris Agreement. <https://globalclimateactionsummit.org/>

October

Conference: 9th Annual Northwest Climate Conference

October 9-11, Boise, ID. The Northwest Climate Conference annually brings together more than 300 researchers and practitioners from around the region to discuss scientific results, challenges, and solutions related to the impacts of climate on people, natural resources, and infrastructure in the Pacific Northwest. <http://pnwclimateconference.org/index.html>

Webinar (6 of 6): Successful HRSA Tribal Grantees

October 10, 1:00 p.m. (ET). The Health Resources and Services Administration (HRSA) is hosting a FREE Grants Education and Technical Assistance Webinar Series for Tribes, Tribal Organizations, Indian Health, Tribal and Urban Indian Health Programs. Learn about the federal grant application process, how to write better grant proposals and evaluation plans for your projects, strategies for successful grant management, and more. Participants will also have the opportunity to connect with HRSA subject matter experts, grant reviewers, as well as peers to discuss best practices and barriers to successful grants application and management. Register here: https://hrsa.connectsolutions.com/federal_grant_application_recording/event/registration.html

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