



# NTAA Weekly Update

Week of January 13-17, 2020

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Most Recent Listing: EPA Rules from the Federal Register can be found here. ....23

## **PHOTOS FROM THE FIELD**

Yes Magazine – [For a Sustainable Food System, Look to Seeds](#)



*Agricultural biodiversity is embraced through a collaboration between farmers in Nebraska and the Pawnee, who resided in the area before being displaced from their traditional homelands.  
PHOTO FROM PAWNEE SEED PRESERVATION PROJECT*

NPR – [Australia’s Wildfires Are Releasing Vast Amounts Of Carbon](#)



*Much of New South Wales, Australia, including the Sydney Opera House, lay under a shroud of smoke Thursday. The state remains under severe or very high fire danger warnings as more than 60 fires continue to burn within its borders.*

*Cassie Trotter/Getty Images*

## **TOP STORIES**

**Native News Online** – [Tribal Leaders Hope Large South Dakota Solar Project Becomes Model for Others](#)

### **Green Transportation Summit & Expo and the West Coast Collaborative Partners Meeting April 13-15, 2020**

The Institute for Tribal Environmental Professionals (ITEP) and the Green Transportation Summit & Expo (GTSE) have partnered to provide 25 complimentary full-conference passes to the Green Transportation Summit & Expo

in Tacoma this April 13-15. The GTSE is the Pacific Northwest's premier clean fleet and transportation event, focusing on fleets, fuels, technologies, policy & practice, with a regional focus and a national scope. We will provide you the opportunity to see, touch, drive, and learn about new transportation technologies firsthand, such as electric, hydrogen, natural gas and propane-powered heavy-duty vehicles, off-road utility vehicles, generators, and others. Workshops on DERA, VW funding, other federal funding opportunities, and alternative fuels will be presented. Please join us at the Greater Tacoma Convention Center for the 10<sup>th</sup> annual GTSE to learn about clean transportation, how to reduce greenhouse gas emissions, pollutants, and costs in your fleet operations. To learn more about the conference, [check out our website](#). To receive the code for the complimentary passes, please contact ITEP's Dara Marks Marino at [Dara.Marks-Marino@nau.edu](mailto:Dara.Marks-Marino@nau.edu).

## HEADLINES

### ***Ambient Air Quality/EPA/NTAA/Tribes***

Gizmodo – [UN Tells Canada to Stop Building the Trans Mountain Pipeline](#)

NPR – [California Reservation's Solar Microgrid Provides Power during Utility Shutoffs](#)

CNN – [Australia's indigenous people have a solution for the country's bushfires. And it has been around for 50,000 years](#)

NPR – [With Their Land in Flames, Aboriginals Warn Fires Show Deep Problems in Australia](#)

Lewiston Sun Journal - [Sweeping recommendations would overhaul Maine's Indian land claims act](#)

Indianz – [Damming Little Colorado River for power projects is opposed by tribes, environmentalists](#)

The Intercept – [The War on the War on Cancer](#)

New York Times - [Why Is Air Pollution So Harmful? DNA May Hold the Answer](#)

National Association of Clean Air Agencies – [Washington Update](#)

### ***NEPA Changes***

The Hill – [Critics warn Trump’s latest environmental rollback could hit minorities, poor hardest](#)

NPR – [Trump Administration Proposes Major Changes to Bedrock Environmental Law](#)

NY Times – [Trump’s Move against Landmark Environmental Law Caps a Relentless Agenda](#)

Utility Dive – [Trump infrastructure proposal impacts ‘virtually every’ federal decision on environment: DOI Secretary](#)

### ***Climate Change/Energy***

NPR – [Hopi Look to Tourism, Ranching For Income after Coal Power Plant Closure](#)

Reuters - [BlackRock vows tougher stance on climate after activist heat](#)

Ensia – [How Can We Adapt to Climate Change? This Online Hub Has Answers](#)

Ensia – [More and More Homeowners Are Renovating Existing Homes to Make Them “Net Zero” Energy Consumers. Here’s How.](#)

E&E News – [Scientists see promise in new solar panel material](#)

Utility Dive – [Tri-State to shut New Mexico, Colorado coal plants by 2030, but move may not satisfy unhappy members](#)

PR Newswire – [Deloitte-Ballard Joint White Paper Assesses Hydrogen & Fuel Cell Solutions for Transportation](#)

E&E News – [Kan. should ease costs of aging coal plants – study](#)

E&E News – [DOE publishes first new efficiency standards since 2017](#)

E&E News – [Warming cost the U.S. an extra \\$24B – research](#)

Reuters - [U.S. coal-fired power plants closing fast despite Trump's pledge of support for industry](#)

Indianz – [Trump administration's push for U.S. uranium production opposed near Grand Canyon](#)

NY Times – [2019 Was Second Hottest Year on Record](#)

Utility Dive – [DOE unveils plan to make US global storage leader by 2030, reduce foreign dependence](#)

Utility Dive – [Renewable advocates highlight 'most effective' path to net-zero emissions as House releases clean energy proposal](#)

ENN – [Pathways to a Low-Carbon Future](#)

### ***Toxics/Mobile Sources***

Reuters - [Trump administration moves closer to rolling back U.S. vehicle fuel economy increases](#)

EPA – [EPA Jumpstarts Cleaner Trucks Initiative](#)

Reuters – [Trump administration moves closer to rolling back U.S. vehicle fuel economy increases](#)

Jalopnik – [One of Climate Change's Biggest Contributors Is in Your Car, But its Not Coming From the Tailpipe](#)

EPA – [Punch It Performance and Tuning Agrees to Stop Selling Illegal Devices That Defeat Emissions Control Systems of Vehicles in the Wake of Clean Air Act Enforcement Action](#)

Indian Country Today – [Drive. Ride. Rethink.](#)

Yes Magazine – [What We Could Do With a \\$5 Carbon Charge on Your Flight](#)

### ***Indoor Air Quality***

Vox – [Installing air filters in classrooms has surprisingly large educational benefits](#)

EPA – [Prevent Lung Cancer: Test Your Home for Radon](#)

Be sure to subscribe to [EPA's IAQ Bulletins](#)

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## **UPCOMING CALLS/EVENTS/NOTICES**

**NEW!** EPA’s Office of Air Quality Planning and Standards (OAQPS) signed two actions on January 14, 2020:

### **Final Revisions to the Petition Provisions of the Title V Permitting Program**

After 20 years of experience in implementing the title V petition process, EPA has identified general trends in petition content and aspects of the petition review process that pose challenges for providing efficient responses to petitions. Three key areas are covered in this final rule, each of which should aid EPA’s review and increase stakeholder understanding of the petition process. This rule provides direction on how petitions should be submitted to the agency, including encouraging the use of an electronic submittal system established by EPA as the preferred method to submit title V petitions. In addition, the rule establishes content and format requirements for title V petitions. Further, the rule requires permitting authorities to respond in writing to significant comments received during the public comment period (when applicable) for draft title V permits, and to provide that response in the form of a response to comments document with the proposed title V permit to EPA for the agency’s 45-day review period.

A pre-publication version of the final rule and a summary fact sheet are available at: <https://www.epa.gov/title-v-operating-permits/current-regulations-and-regulatory-actions>

### **Final Petroleum Refinery Sector Reconsideration**

Today, the U.S. EPA issued the final rule, “National Emissions Standards for Hazardous Air Pollutants: Petroleum Refinery Sector.” This action finalizes the reconsideration of the 2015 final rule, “Petroleum Refinery Sector Risk and

Technology Review and New Source Performance Standards.” EPA granted reconsideration of five specific issues raised by petitioners that the Agency did not provide an adequate opportunity for notice and comment regarding the 2015 final rule. In addition, today’s final rule provides corrections to drafting errors made in the 2018 Refinery MACT 1 and 2 technical amendments. A pre-publication version of the final rule and a summary fact sheet will be available at:

<https://www.epa.gov/stationary-sources-air-pollution/petroleum-refinery-sector-rule-risk-and-technology-review-and-new>

### **Student and Teacher Award Programs**

Applications due: January 15, 2020

EPA’s Office of Environmental Education is now accepting applications for the 2020 [President's Environmental Youth Awards \(PEYA\)](#) and [Presidential Innovation Awards for Environmental Educators \(PIAEE\)](#). Winners will be invited to Washington, D.C. in mid-2020 to be honored by the agency and present their work in a poster session. Established by the 1990 National Environmental Education Act (NEEA), PEYA recognizes outstanding environmental stewardship projects from Kindergarten to 12th grade, by promoting environmental awareness and encouraging community involvement. Also established by the 1990 National Environmental Education Act, PIAEE recognizes outstanding K-12 grade educators who integrate environmental and place-based, experiential learning into school curricula and school facility management across the country. Under NEAA, the White House Council on Environmental Quality assists EPA in administering the PIAEE awards program.

### **Virgil Masayesva Excellence Award and TAMS Steering Committee**

The TAMS Center is announcing a call for nominations for the Virgil Masayesva Tribal Air Programs Excellence Award and three (3) positions on the TAMS Steering Committee. Further information and the nomination forms are online and can be accessed at: [Virgil Masayesva Excellence Award Nomination Form](#) and [TAMS Steering Committee Nomination Form](#). The deadline to submit the nominations is February 28, 2020. We sincerely appreciate your time to consider submitting a nomination. For further information, please contact either Farshid Farsi, TAMS-EPA Codirector ([Farsi.Farshid@epa.gov](mailto:Farsi.Farshid@epa.gov) or 702-784-8263), or Christopher Lee, TAMS-ITEP Codirector ([christopher.lee@nau.edu](mailto:christopher.lee@nau.edu)).



## **NCAI and Center Indian Country Development to Present Webinar Series on Increasing Homeownership in Indian Country**

NCAI's Partnership for Tribal Governance and the Federal Reserve Bank of Minneapolis's Center for Indian Country Development (CICD) are partnering to present a four-part webinar series in January on increasing homeownership across Indian Country. Based on CICD's [Tribal Leaders Handbook on Homeownership](#), the series will inform tribal leaders, tribal housing staff, and their partners about best practices for homeownership program development and growth. NCAI Contact: Tyler Scribner, *Policy Analyst*, [tscribner@ncai.org](mailto:tscribner@ncai.org). The remaining webinars are as follows:

- Thursday, January 16, 3:00 to 4:30 p.m. EST: ASSESSING COMMUNITY NEEDS. Topics will include the evolution of housing programs in Indian Country; navigating land issues; assessing tribal members' needs; and preparing families for homeownership. To register, click [here](#).
- Thursday, January 23, 3:00 to 4:30 p.m. EST: PARTNERSHIPS AND FINANCING. Topics will include partnering on homeownership, and lending processes to optimize homeownership. To register, click [here](#).
- Thursday, January 30, 3:00 to 4:30 p.m. EST: MAKING HOMEOWNERSHIP AFFORDABLE. Topics will include making homeownership affordable, home design and construction: making the right choices, and manufactured homes: an affordable homeownership option. To register, click [here](#).

## **Tribal Consultation Opportunity Announcement: EPA's Draft Principles for Consulting with Alaska Native Claims Settlement Act Corporations**

Lead Office: OITA

Open Dates: 12/16/2019 – 4/14/2020

More information [on the TCOTS site](#).

## **Early bird registration extension for the Air Sensors International Conference**

Early bird registration has been extended to January 31, 2020, for the Air Sensors International Conference. The ASIC, taking place May 12-15, 2020, will bring together stakeholders from academia, government, communities, and commercial interests to promote and advance air pollution sensors, improve the data quality from these sensors, expand the pollutants measured, and foster community involvement in monitoring air quality. [More information can be found here](#).

**Tribal Grants Education and Technical Assistance Webinar Series Second Wednesday of Every Month at 1pm ET**

[For more information, click here!](#)

**NTAA Upcoming Calls.** The toll-free number is 1-800-309-2350. If you do not need to call toll free, or would like to help conserve NTAA funding, you can call 1-805-309-2350. Both numbers use code 928-523-0526#. Contact [Andy.Bessler@nau.edu](mailto:Andy.Bessler@nau.edu) if you have any questions about any call! **\*Registration instructions\*** When you register for the GoToWebinar, please remember to include your Tribe, Region, or Organization in parenthesis after your last name. This allows you to see everyone on the call and prevents us from conducting a roll-call, ultimately saving everyone's time.

<b>STAR Planning Call:</b> The NTAA Status of Tribal Air Report (STAR) helps tell the story of Tribal Air Programs, why additional funding for Tribes is critical to advance air quality, and is a great resource for Tribes.	Wednesday, January 22, 2 pm ET
<b>Wood Smoke Work Group:</b> Join this work group every other month to address wood smoke issues in Indian Country.	Thursday, January 23, 2pm ET
<b>EPA Policy Call:</b> Call in to hear updates from EPA on policies, actions, and tools relevant to Indian Country and Air Quality.	Thursday, January 30, 2pm ET
<b>Mobile Sources Work Group:</b> This monthly work group addresses all mobile source pollution issues.	Thursday, February 6, 2pm ET
<b>Indoor Air Quality Work Group:</b> Join this work group every other month to help support IAQ work throughout Indian Country.	Thursday, February 20, 2pm ET

**The Institute for Tribal Environmental Professional's (ITEP's) [Tribes and Climate Change Calendar](#)** includes conferences, trainings, webinars and other events related to tribes and climate change.

[Click here](#) for ITEP's other trainings and events.

[Click here](#) for ITEP's new Tribal Environmental Management and Planning Online Courses. New courses have been added, so check it out!

### ITEP's [FY20 AIAQTP Course Schedule](#)

Course Title	Dates	Location	Course Level
	<b>2020</b>		
Indoor Air Quality Diagnostic Tools	January 28-31	TAMS Center, Las Vegas, NV	2
Air Quality Computations	February 11-14	Phoenix, AZ	1
Fundamentals of Air Monitoring	February 25-27	TAMS Center, Las Vegas, NV	2
Indoor Air Quality Diagnostic Tools in Alaska	March 3-6	AK - TBD	2
Air Pollution Technology	March 10-13	Flagstaff, AZ	2
Meteorological Monitoring	April 14-16	TAMS Center, Las Vegas, NV	3
<i>National Tribal Forum on Air Quality (NTFAQ)</i>	<i>May</i>	<i>TBD</i>	
Air Pollution Modeling	Fall 2020	TAMS Center, Las Vegas, NV	3
Air Quality Outreach	TBD	TBD	1
Air Quality Planning for Wildland Smoke	Anytime	Series of 6 recorded webinars	n/a
Indoor Air Quality - Independent Study	Anytime	Independent Study	1
Building Performance: Improving IAQ in Cold Climates	Open	Online	1
Building Performance: Improving IAQ in Warm Climates	In development	Online	1
Residential Building Science Review	Open	Online	1
Radon Fundamentals	Open	Online	1
Quality Assurance Fundamentals (QA 101)	Open	Online	1
Quality Assurance Project Plan (QAPP) (QA 201-209)	Open	Online	2
Emissions Inventory Fundamentals	Open	Online	2
Emissions Inventory Advanced	Open	Online	3

*Note: This schedule is subject to change. For up-to-date information, course descriptions, and applications please visit [http://www7.nau.edu/itep/main/Training/training\\_air/](http://www7.nau.edu/itep/main/Training/training_air/)*

### ***Climate Change / Energy***

#### **Tribal Climate Health Project 2020 Webinar Series: eight webinars on the third Tuesday of the month (9-10:30am PT) from January 21 – August 18**

The Tribal Climate Health Project, an initiative of the Pala Band of Mission Indians/Pala Environmental Department, is pleased to announce the 2020 Tribal Climate & Health Adaptation Regional Cohort Webinar Series. Please [visit our website](#) for more information on how to [register](#) for this informative and engaging webinar series. This FREE interactive training is offered through a series of eight live webinars scheduled on the third Tuesday of the month (9:00 – 10:30am PT) from January 21, 2020 through August 18, 2020. The training will provide steps, tools, templates, case studies, and other resources that seek to streamline the adaptation planning process and make it easier for tribal health and environmental professionals to understand and address human health exposures and impacts within tribal communities. This training will summarize the latest data and literature on the exposures and impacts of climate change that may impact the health of tribal community members. It will also describe how to identify and select appropriate strategies to address these exposures and impacts.

#### **Save the Date! National Tribal & Indigenous Climate Conference August 31-September 4, 2020**

The Institute for Tribal Environmental Professionals (ITEP) is honored to host the United States' First annual National Tribal and Indigenous Climate Conference (NTICC) along with support from the Bureau of Indian Affairs (BIA) Tribal Resilience Program. The NTICC is open to all US tribal nations and Indigenous Peoples from throughout the world, with an emphasis on including our Elders and Youth. The NTICC will convene experts on climate change, which will include a balance of Western Science and Traditional Indigenous Knowledges. Topic areas will address: impacts, assessments, adaptation, mitigation, implementation, and solutions. This conference will allow an opportunity to share information and support one another. We welcome all to join us in 2020!

- Location: TBD
- Registration fee: \$200
- Deadline: TBD
- [NTICC info here!](#)

**ITEP's Climate Change Adaptation Training Courses registration is online!**  
[Learn more about the courses and register here.](#)

### ***Toxics/Mobile Sources***

#### **Cleaner Trucks Initiative – Advance Notice of Proposed Rule**

The EPA is publishing an Advance Notice of Proposed Rule (ANPR) titled “Control of Air Pollution from New Motor Vehicles: Heavy-Duty Engine Standards.” In this ANPR, we are sharing the Agency’s early views on possible elements of the “Cleaner Trucks Initiative” and inviting comments from the public on all aspects of this future rulemaking. A [pre-publication copy of this ANPR is available at this website](#). We are also using this opportunity to launch a new website dedicated to the Cleaner Trucks Initiative. EPA will use this website as one means to keep stakeholders informed of the development of the Cleaner Trucks Initiative program, including periodic updates on the technical work EPA is sponsoring to help inform this regulatory development program. [The Cleaner Trucks Initiative website can be found here](#).

### ***Indoor Air Quality***

#### **January 2020 National Radon Action Month Webinar Series**

Four webinars will be conducted in January. Space is limited, [so register here soon!](#) The remaining webinars are:

- January 16, 11-11:30am ET. Radon Resources for Health Care Providers
- January 21, 11-11:30am ET. ANSI Standards Now Available for FREE
- January 30, 11-11:30am ET. Elevated Radionuclides in Private Wells

#### **EPA's Residential Wood Smoke Workshop in New Orleans, March 10-12, 2020**

*Workshop Background Information:* Workshop participants will include state, local, tribal, federal and non-profit organization personnel. Workshop participants will discuss residential wood heating/combustion program issues, opportunities, challenges, lessons learned, and partnerships as outlined in the draft agenda. This Workshop will be held in conjunction with the [Hearth, Patio and Barbeque Association \(HPBA\) Trade Show/Expo](#), which offers Workshop participants a valuable opportunity to tour the Trade Show floor and meet with industry representatives. At the Expo a wide variety of hearth technologies are on display including cordwood, wood pellet, coal and gas stoves, wood-fired central heating

system. You do not need to register for the HBPA Expo - by registering for the Wood Smoke Workshop you will receive a name tag-pass for the Expo. The Workshop is being coordinated and supported by EPA, the Western States Air Resources Council, the Northeast States for Coordinated Air Use Management and National Tribal Air Association. [More information can be found here](#), or contact Larry Brockman, [brockman.larry@epa.gov](mailto:brockman.larry@epa.gov), 919-541-5398.

**Be sure to subscribe to [CodeTalk](#), HUD's Office of Native American Programs newsletter, for webinars and opportunities!**

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## **RESOURCES**

### ***Ambient Air Quality/EPA/NTAA/Tribes***

#### **TAMS Center Data Validation Video**

The TAMS Center is honored to present the first video in a series on data management and validation, in which we learn how the Morongo Band of Mission Indians conducts their air data validation and exceeded expectations during a rigorous [EPA Technical Systems Audit](#). This video will become part of our 2020 online Data Validation course, and is useful for anyone interested in what makes environmental data legally defensible: evidence.

#### **EPA Grants Management Training**

[This online training course](#) is designed to introduce EPA grant applicants and recipients to key aspects of the entire grant life cycle, from preparation of an application through grant closeout. Throughout this training, the term “grant” is used as a general term to refer to both grants and cooperative agreements. The course is divided into separate modules that can be completed individually. Each module includes knowledge checks to verify your understanding of key concepts. If you need to leave a module, the last slide to be completed will be saved, and you will be able to return to that location later. Upon completion, you will be prompted to generate a downloadable certificate of completion. The 6 training modules include:

1. Introduction to EPA Grants
2. Demonstrating Financial Management System and Internal Control Capability

3. Applying for a Grant
4. Accepting a Grant
5. Managing a Grant
6. Closing a Grant

To view and/or receive ITEP's American Indian Air Quality Training Program newsletter, [Native Voices, click here!](#)

### ***Climate Change/Energy***

Join NCAI's [Climate Action email](#) listserv here!

Sign up for the [Alliance for Green Heat](#)'s newsletter!

To view and/or receive ITEP's [Climate Change newsletter, click here!](#)

### ***Toxics/Mobile Sources***

#### ***Indoor Air Quality***

##### **National Radon Action Month**

The U.S. Environmental Protection Agency (EPA) has designated January as [National Radon Action Month](#). EPA and the U.S. Surgeon General urge everyone to protect their health by testing the indoor air in their homes and schools for radon. [Radon is a natural, radioactive gas that claims about 21,000 lives each year. It is the leading cause of death from lung cancer among nonsmokers in the United States.](#) Exposure to radon is a preventable health risk. EPA recommends fixing homes with 4 picocuries per liter (pCi/L) or more of radon in the air. You cannot see or smell radon. Simple, inexpensive do-it-yourself [radon test kits](#) are available, or you can hire a certified professional to perform the testing.

Other ways in which you can help protect your family and community—

1. Attend a National Radon Action Month event in your area. Look for radon events in your [community](#).
2. Educate others about radon.
  - Tell family and friends about the [health risk](#) of radon. Encourage them to test their homes.
  - [View EPA's free radon publications](#) and share the information with others.

3. Take action in your community using the resources in [EPA's radon event planning kit](#).
  - Plan an activity in your community to help raise awareness of radon.
  - Write an op-ed or letter to the editor.
  - Attract media attention by working with a local official to issue a radon proclamation.
  - Download National Radon Action Month [media resources and graphics](#) to use for your print materials or website.
4. Look for a radon-resistant home if you are planning to relocate. If you are buying a new home, look for builders that use radon-resistant construction techniques found in EPA's [Indoor airPLUS guidelines](#). Read more about radon-resistant new construction in [Building Radon Out: A Step-by-Step Guide on How to Build Radon-Resistant Homes](#).

As part of the [National Radon Action Plan](#), EPA is working with state and local partners to educate the public about the risk from radon. Learn more about radon and how to reduce your exposure to radon at [www.epa.gov/radon](http://www.epa.gov/radon).

**Be sure to sign up for [EPA's Healthy Indoor Air newsletter](#).**

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## **FUNDING OPPORTUNITIES**

### ***Now Hiring!***

#### **NEW! Funded Graduate Program for Indigenous students in environmental fields**

Are you interested in the integration of indigenous and scientific knowledges in environmental research? Do you want a STEM career in service to land and culture? The Center for Native Peoples and the Environment at the State University of New York's (SUNY) College of Environmental Science & Forestry is recruiting students for graduate study in diverse environmental sciences from ecology, sustainability, conservation biology to restoration and environmental engineering. As a member of the Sloan Indigenous Graduate Partnership, the program provides funding for full tuition and stipends for Native American students pursuing MS and PhD degrees. Applications are open - so please join us in this exciting initiative. Additional information can be found [on our website](#) or contact Dr. Robin Wall Kimmerer at [rkimmer@esf.edu](mailto:rkimmer@esf.edu).



**NEW! Little River Band of Ottawa Indians Position is hiring an Aquatic Biologist - Wetlands (Natural Resources Dept.)**

Deadline to apply: 5pm, January 27, 2020

This full time position is responsible for the day-to-day operation of the Tribe's wetlands and wild rice program and assists with the day-to-day operation with the water quality and fisheries programs as assigned. Obtain an application form and a copy of the position description [on the Tribe's website](#) or by contacting Human Resources at: LRBOI HR Department, 2608 Government Center Dr., Manistee, MI 49660; phone: (231) 331-1233; Email: [jobs@lrboi-nsn.gov](mailto:jobs@lrboi-nsn.gov).

**NEW! ITEP VW Technical Assistance Program is hiring a Research Assistant**

The ITEP VW Technical Assistance Program is looking to hire a Research Assistant to help with various research projects related to the VW Tribal Trust and associated diesel emissions reduction or clean energy programs and technologies, along with general support of the program as needed. The position is part-time, with an expected workload of approximately 15-20 hours per week and funding available for the next two to (possibly) three years. We would prefer to fill the position with someone who can work on site in the ITEP offices at NAU. The job announcement is on [NAU's job page](#) under the "Staff Openings" page, position #604774. Call or email Mark Daniels ([mark.daniels@nau.edu](mailto:mark.daniels@nau.edu) or 928-523-8897) with questions about the position.

**Interdisciplinary Graduate Research Fellowship at School of Forestry, Northern Arizona University**

Application review will begin on January 15<sup>th</sup>, 2020, and continue until the candidate is selected.

The Human Dimensions of Forestry program at the School of Forestry, Mountain Campus, Northern Arizona University (NAU), Flagstaff, AZ is inviting applications for one fully funded four-year Graduate Fellowship to work on an interdisciplinary research focused on role of forest landscapes in the resilience of Navajo (Dine) Nation. The Fellowship is expected to start August 2020. For more information, contact Dr. Alark Saxena at [alark.saxena@nau.edu](mailto:alark.saxena@nau.edu).

**City of Flagstaff is hiring an Indigenous Youth STEM Academy (IYSA) Coordinator**

Closing date: January 15, 2020

IYSA was created in 2017 with the goal of providing indigenous youth with the opportunity to learn about STEM related fields in conjunction with traditional culture, community, and environmental stewardship. Through the program, students participate in STEM related learning sessions led by Indigenous professionals. IYSA sessions are split into two halves, an in-class session and a field trip to an open space property. The IYSA Coordinator is a part-time staff position spanning from January 2020 until June 2020. The coordinator will commit 40 hours per IYSA session, at a rate of \$15.00/ hour, equating to \$600.00 per session. They will be responsible for coordinating three IYSA sessions throughout the school year at Leupp Elementary School. City of Flagstaff transportation will be provided. [More information can be found here.](#)

**ITEP's Tribes and Climate Change Program is hiring a Program Coordinator, Sr.**

Closing date: January 20, 2020

[More information here!](#)

**Institute for Tribal Environmental Professionals is offering 2020 Student Summer Internships.**

Apply now for a paid 8-week summer internship. Spend your summer working with tribal organizations to address tribal environmental issues. The internships have a technical, educational or policy focus. We are offering eight positions in air quality. The internship program provides each student intern with a \$4,000 stipend, and limited housing and travel allowances. Host sites are selected from tribal environmental organizations, government offices, the US Environmental Protection Agency (USEPA) and others. Please register at [nau.edu/itepinterns](http://nau.edu/itepinterns) for more information and details about how to apply. You can view host site descriptions and submit your preferences for the host sites you find interesting after January 24, 2020. The deadline for applications is February 28, 2020.

Questions? Contact [EEOP-INTERN@nau.edu](mailto:EEOP-INTERN@nau.edu)

***Ambient Air Quality/EPA/NTAA/Tribes***

**USDA Forest Service Wildfire Risk Reduction – \$2.1 million**

*Applications Due: January 19, 2019*

*Eligible Entities: state governments, local governments, and Native American tribal governments*

The U.S. Forest Service supports Moving Toward Shared Stewardship Across Landscapes as part of a conceptual framework for making strategic investments across landscapes to co-manage wildfire risk and achieve positive outcomes at the most appropriate scale. Within this framework, Eastern Region Cohesive Fire Strategy Competitive Request for Applications is designed to support and carry out the goals of the National Cohesive Wildland Fire Management Strategy (NCS) across the Midwestern and Northeastern States as well as meet the intent of the current year budget direction. These national goals are:

1. **Restore and Maintain Landscapes:** Landscapes across all jurisdictions are resilient to fire-related disturbances in accordance with management objectives.
2. **Create Fire Adapted Communities:** Human populations and infrastructure can withstand a wildfire without loss of life and property.
3. **Improve Wildfire Response:** All jurisdictions participate in making and implementing safe, effective, efficient risk-based wildfire management decisions.

For more information, visit the funding opportunity [description](#).

**The Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program Request for Applications is open until February 7, 2020**

Ten awards will be made (one award per region) in amounts of up to \$120,000 per award for a two-year project period. Cooperative agreements will be awarded to local community-based organizations, tribes, and tribal organizations seeking to address environmental and public health concerns in local underserved communities through collaboration with other stakeholders, such as local businesses and industry, local government, medical service providers, and academia. [Learn more here](#).

**EPA 2019 Targeted Airshed Grant Program – \$50.3 million**

*Applications Due: February 14, 2020*

*Eligible Entities: local, state, and/or tribal air pollution control agencies, or other air pollution control agencies as defined by Section 302(b) of the Clean Air Act*

The Targeted Airshed Grant Program will assist local, state, and/or tribal air pollution control agencies to develop plans and conduct projects to reduce air pollution in non attainment areas that EPA determines are the top five most polluted areas relative to ozone (O<sub>3</sub>), annual average fine particulate matter (PM<sub>2.5</sub>), or 24-hour PM<sub>2.5</sub> National Ambient Air Quality Standards. The overall

goal of the Targeted Airshed Grant Program is to reduce air pollution in the nation's areas with the highest levels of ozone and PM2.5 ambient air concentrations. For more information, visit the funding opportunity [description](#).

**NOAA Environmental Literacy Grants: Supporting the education of K-12 students and the public for community resilience – \$3 million**

*Applications Due: March 26, 2020 for Priority 1 full applications*

*Eligible Entities: K-12 public and independent schools and school systems, state and local government agencies, Indian tribal governments*

The goal of this funding opportunity is to build environmental literacy of K-12 students and the public so they are knowledgeable of the ways in which their community can become more resilient to extreme weather and/or other environmental hazards, and become involved in achieving that resilience.

Projects should build the collective environmental literacy necessary for communities to become more resilient to the extreme weather and other environmental hazards they face in the short- and long-term. Building sufficient environmental literacy in a community means that these communities are composed of individuals who are supported by formal and informal education that develop their knowledge, skills, and confidence to: (1) reason about the ways that human and natural systems interact globally and where they live, including the acknowledgement of disproportionately distributed vulnerabilities; (2) participate in scientific and/or civic processes; and (3) consider scientific uncertainty, cultural knowledge, and diverse community values in decision making. For more information, visit the funding opportunity [description](#).

***Climate Change/Energy***

**USDA REAP Energy Audit and Renewable Energy Development Assistance Program – \$1.8 million**

*Applications Due: January 31, 2020*

*Eligible Entities: state governments, local governments, and Native American tribal governments and organizations*

The Rural Energy for America Program (REAP) helps agricultural producers and rural small businesses reduce energy costs and consumption and helps meet the Nation's critical energy needs. The recipient of the Energy Audit and Renewable Energy Development Assistance Grant funds will establish a program to assist agricultural producers and rural small businesses with evaluating the

energy efficiency and the potential to incorporate renewable energy technologies into their operations. For more information, visit the funding opportunity [description](#).

### **DHS FEMA FY19 Pre-Disaster Mitigation - \$250 million**

*Applications Due: January 31, 2020*

*Eligible Entities: state governments, Native American tribal governments*

The Pre-Disaster Mitigation (PDM) program makes available Federal funds to State, Local and Tribal Governments to implement and sustain cost-effective measures designed to reduce the risk to individuals and property from natural hazards, while also reducing reliance on Federal funding from future disasters. FEMA will provide allocations of \$575,000 as required by the Stafford Act to states and territories; and a tribal set aside of \$20 million for allocations up to \$575,000 for Native American Indian tribal governments to support overall mitigation planning and projects. The remaining PDM funds will be awarded on a competitive basis with a focus on multi-state/tribal mitigation initiatives. For more information, visit the funding opportunity [description](#).

### **DOE Energy Infrastructure Deployment on Tribal Lands – \$15 million**

*Applications Due: February 6, 2020*

*Eligible Entities: Native American tribal governments and organizations*

DOE's Office of Indian Energy is soliciting applications from Indian Tribes to:

1. Install energy generating system(s) and/or energy efficiency measure(s) for Tribal Building(s); or,
2. Deploy community-scale energy generating system(s) or energy storage on Tribal lands; or,
3. Install integrated energy system(s) for autonomous operation to power a single or multiple essential tribal facilities during emergency situations or for tribal community resilience; or
4. Deploy energy infrastructure and integrated energy system(s) to electrify Tribal Buildings.

For more information, visit the funding opportunity [description](#).

### **DOI BIA Tribal Resilience Program - \$1 million**

*Applications Due: March 2, 2020*

*Eligible Entities: federally recognized tribal governments*

The Tribal Resilience Program will provide funding for tribal activities that support tribal adaptation and resilience planning, ocean and coastal management planning, and relocation, managed retreat, or protect-in-place planning and design activities for coastal and riverine communities. This program aims to support Tribal Nations that need adaptation planning support and decision-making information to prepare for extreme events and harmful environmental trends that impact tribal treaty and trust resources, economies, infrastructure, and human health and welfare. An informational webinar will be held by the Institute for Tribal Environmental Professionals describing the opportunity on January 9th, 2020. [Register for the webinar here](#). For more information, visit the funding opportunity [description](#).

CATEGORIES OF AVAILABLE FUNDING- There are seven total award categories:

Adaptation Planning (Categories 1-3)

Category 1. Trainings and Workshops (maximum: \$150,000)

Category 2. Adaptation Planning (maximum: \$150,000)

Category 3. Travel Support for Adaptation Planning (maximum: \$15,000)

Ocean and Coastal Management Planning (Categories 4-5)

Category 4. Ocean and Coastal Management Planning (maximum: \$150,000)

Category 5. Travel Support - Ocean & Coastal (maximum: \$15,000)

Capacity Building (Category 6)

Category 6. Capacity Building for Scoping Efforts to Support future Category 2 Proposal Development (maximum: \$65,000)

Relocation, Managed Retreat, or Protect-in-Place Planning (Category 7)

Category 7. Planning for Relocation, Managed Retreat, or Protect-in-Place Activities for Coastal and Riverine Communities (maximum: \$150,000)

***Toxics/Mobile Sources***

**Preliminary Notice for Grant Funding Opportunity for Electric Vehicle Charging Infrastructure along High-Traffic Transportation Corridors in Washington**

Beginning in December, the Washington Department of Ecology will open a grant opportunity providing about \$4 million on a competitive basis to install or upgrade existing publicly available direct current fast chargers (DCFC) along high-traffic transportation corridors.

This grant funding opportunity will open December 3, 2019, and close February 4, 2020. [More information can be found here.](#)

### ***Indoor Air Quality***

**The Tribal Healthy Homes Network (THHN) has a webpage dedicated to [Funding Opportunities!](#)** Additionally, THHN has developed a [Funding Guide for American Indian and Alaska Native Communities.](#)

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**Most Recent Listing: EPA Rules from the Federal Register can be [found here.](#)**

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