



## NTAA Weekly Update

*Week of February 10-14, 2020*

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## PHOTOS FROM THE FIELD

Indians – [Northwest tribes conclude winter meeting with call to protect environment](#)



*The Affiliated Tribes of Northwest Indians held their winter conference in Portland, Oregon, from January 27-30, 2020. Photo courtesy ATNI.*

## TOP STORIES

**NTAA has released a Policy Resource Kit to help Tribes respond to [EPA's Proposed Cleaner Trucks Initiative](#)**

EPA is developing a new rulemaking, the Cleaner Trucks Initiative (CTI), to address NOx emissions from new heavy-duty trucks and engines. On January 6, Administrator Wheeler signed an Advance Notice of Proposed Rule (ANPR). EPA is targeting a Notice of Proposed Rulemaking (NPRM) in late spring 2020, followed by a Final Rulemaking approximately a year later. **Comments are due on February 20, 2020**, but NTAA has requested an extension of the comment period by an additional 60 days. More information can be found on EPA's Cleaner Trucks Initiative [web page here](#).

**The NTAA Executive Committee is Meeting This Week in Washington, D.C.** The NTAA EC is meeting this week with top EPA administration officials in Washington, D.C., to ensure the NTAA's mission to advance air quality

management policies and programs, consistent with the needs, interests, and unique legal status of Indian Tribes, remains at the forefront of EPA's practices.



*The NTAA Executive Committee met with Miles Keogh and Karen Mongoven from the National Association of Clean Air Agencies during the first day of meetings in Washington, D.C. More meetings with EPA leadership are planned for today and the rest of the week.*

## **HEADLINES**

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

Phys.org – [Air pollution costs \\$2.9 trillion a year: NGO](#)

EPA – [2019 Year in Review Highlighting EPA Accomplishments and Environmental Progress](#)

Axios – [Global CO2 emissions were flat in 2019](#)

Los Angeles Times - [Former PG&E lawyer named new regional EPA chief in California](#)

The Hill - [Trump budget slashes EPA funding, environmental programs](#)

The Guardian – [Big polluters again allowed to lift emissions without penalty](#)

Time – [‘It’s Insidious’: How Juul Pitched E-Cigs to Native American Tribes](#)

Native News Online – [The Rise of E-Cigarettes: How the Vaping Epidemic Impacts Indigenous Health & Culture](#)

The Hill – [Report finds 10 oil refineries with benzene above EPA’s ‘action level’](#)

Indian Country Today – [Tribal leaders call Bears Ears opening an ‘unlawful action’](#)

Ensia – [Can We Protect Nature By Giving It Legal Rights?](#)

Native Sun News – [Native lawmakers weigh pipeline shield bills](#)

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

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

Native Sun News – [South Dakota PUC issues first permit for construction of a large-scale solar facility in Oglala Lakota County](#)

NAU – [Institute for Tribal Environmental Professionals earns \\$3.2M grant to help tribes prepare for changing climate](#)

Science Friday – [How Native American Communities Are Addressing Climate Change](#)

NY Times – [Climate FWD: One thing that’s getting done: Solar power for Navajo homes](#)

NPR – [Canadian Court Clears the Way for Trans Mountain Pipeline Expansion](#)

NPR – [Bumblebees Are Disappearing Because Of Extreme Heat](#)

NPR – [It Was 65 Degrees in Antarctica This Week](#)

Ensia – [Mexico City Is Proposing To Build One Of The World’s Largest Urban Parks. Will It Serve As A Climate Adaptation Example For Other Cities?](#)

E&E News – [Report: Onshore wind faces slowdown without a ‘game changer’](#)

E&E News – [NWS expects major flooding this spring for U.S. heartland](#)

E&E News – [Trump to propose deep cuts to energy, environment programs](#)

CarbonBrief – [Explainer: Nine ‘tipping points’ that could be triggered by climate change](#)

Cronkite News – [Four Corners drought in 2018 was worsened by human-caused climate change, researchers say](#)

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

NPR – [Pesticide Police, Overwhelmed By Dicamba Complaints, Ask EPA for Help](#)

NPR – [From Delivery Trucks to Scooter-Moving Vans, Fleets Are Going Electric](#)

NY Times – [‘All Electric’ Movement Picks Up Speed, Catching Some off Guard](#)

NY Times – [Justice Department Drops Antitrust Probe against Automakers That Sided With California on Emissions](#)

Juneau Empire - [EPA: Alaska led nation in toxic chemical release](#)

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

Top Wire News – [How to reduce VOCs and increase indoor air quality](#)

Salt Lake Tribune – [Camryn Ernst: What about our indoor air quality?](#)

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

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

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

**ITEP Course: Composting Strategies and Tribal Food Security (apply by February 12)**

The Institute for Tribal Environmental Professionals will be offering a new course, "Compost Programs and Tribal Food Security," in the Bay Area, California, March 31-April 2, 2020. This course is for employees of federally-recognized tribes and is intended to focus on creating compost to build healthy soils to grow traditional

foods. This course will be taught by presenters from two different tribes that have been successful in starting their own composting programs and using that compost to help them grow food on their reservation. They will share their experiences, expertise, and tips for success on a variety of composting and growing operations. During this course, we will have the opportunity to visit two different sites: a larger scale composting project in the Bay Area that is incredibly efficient at turning inputs into sellable compost as well as a teaching garden focused on cross-tribal, cross-generational growing that incorporates traditional and culturally-significant foods. These field trips will allow participants to better determine the right size composting program for their Tribe as well as get information on how to get started. We will also have guest speakers to talk about the importance of culturally significant foods. Attendees will participate in small group activities, allowing them to work directly with fellow tribal professionals, putting into practice what they learn during the lectures. This course will be limited to twenty participants. We anticipate a high degree of interest in this course, so a maximum of two applications from any one tribe will be considered. The individuals selected will have their lodging covered by ITEP. All participants are responsible for their own travel and per diem. If you are interested in applying for this course please submit an application to [Julie.Jurkowski@nau.edu](mailto:Julie.Jurkowski@nau.edu) by Wednesday, February 12. The application can be found [on our training page](#).

### **NEW! Proposed Revisions to Appendix P to 40 CFR Part 51, Concerning Minimum Emission Reporting Requirements**

EPA proposed revisions to its regulations guiding the preparation of state implementation plans (SIPs). These regulations are found in 40 CFR Part 51. The proposed action would revise the minimum reporting frequency requirement for SIPs applicable to source categories listed in Appendix P to 40 CFR Part 51 from quarterly to semiannual. This revision would be generally consistent with the current reporting frequency requirements to which these sources are subject under other programs (e.g., New Source Performance Standards). Each state could—but would not be required to—revise its SIP to allow semiannual reporting for four source categories:

1. fossil fuel-fired steam generators of more than 250 million BTU per hour heat input;
2. fluid bed catalytic cracking unit catalyst regenerators at petroleum refineries;
3. sulfuric acid plants; and
4. nitric acid plants.

The Clean Air Act requires each state to develop a plan to attain and maintain clean air known as a state implementation plan, or SIP. In general, SIPs must demonstrate how national air quality standards will be achieved, maintained, and enforced. EPA will accept comment on this proposed rule for 30 days after it

publishes in the *Federal Register*. A [pre-publication version of the proposal and a summary fact sheet are available on the web](#).

### **Seeking nominations for Alaska's Alternate Representative on the National Tribal Air Association Executive Committee!**

The nomination deadline has been extended to February 14, 2020. For more information on this opportunity, please contact Kayla Krauss at [krauss.kayla@epa.gov](mailto:krauss.kayla@epa.gov), Ann Wyatt (NTAA's current Alaska representative) at 907-755-2265 or [annwyatt@klawocktribe.org](mailto:annwyatt@klawocktribe.org), or Andy Bessler at 928-523-0526 or [andy.bessler@nau.edu](mailto:andy.bessler@nau.edu).

### **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)).

### **Request for Applications for EPA's American Indian Air Quality Training Program, RFA#: EPA-OAR-IO-20-03, Closing Date: March 13, 2020**

EPA's Office of Air and Radiation (OAR) is soliciting applications from eligible entities to provide comprehensive air quality policy and regulatory analysis including support and national coordination activities to assist tribes in understanding, participating in, and responding to OAR's policy and regulatory activities. The total estimated funding for this competitive opportunity is approximately \$8,000,000 over five years. EPA anticipates awarding one cooperative agreement from this announcement, subject to availability of funds, the quality of applications received, and other applicable considerations.

### **Interested in Strategic Planning? Community Outreach? Enroll in ITEP's online courses!**

The Institute for Tribal Environmental Professionals (ITEP) is pleased to offer professional development training to new and seasoned tribal professionals through interactive online courses. The *Tribal Strategic Planning/ETEP* and *Partnerships & Community Outreach* courses will be available **February 13 – March 20, 2020**. The two online courses listed here are fee-based and have instructors to ensure your individual questions are answered in a timely manner during the course period.

Instructors:

- Sharon Hausam, Ph.D., AICP, Pueblo of Laguna, Planning Program Manager
- Ondrea Barber, former Director for the Gila River Indian Community's Department of Environmental Quality and Manager for the Salt River Pima-Maricopa Indian Community's Environmental Protection & Natural Resources Division

These online courses contain assignments, quizzes, videos, examples, and other resources. You will continue to have access to course materials after the course end date. Learn more and register for the two courses using the following links:

- [Tribal Strategic Planning: Ensuring Successful Development of your ETEP](#)
- [Partnerships and Community Outreach](#)

**NEW! DRAFT Guidance for Ozone and Fine Particulate Matter Permit Modeling: Comment by March 27, 2020**

EPA is providing an opportunity for interested stakeholders to review and comment on *DRAFT Guidance for Ozone and Fine Particulate Matter Permit Modeling*. This guidance provides EPA's recommendations for how a stationary source of air pollution seeking a Prevention of Significant Deterioration (PSD) permit may demonstrate that it will not cause or contribute to a violation of the National Ambient Air Quality Standards (NAAQS) for ozone (O<sub>3</sub>) and fine particulate matter (PM<sub>2.5</sub>) and PSD increments for PM<sub>2.5</sub>, as required under Section 165(a)(3) of the Clean Air Act (CAA) and 40 CFR sections 51.166(k) and 52.21(k). This draft guidance updates EPA's *Guidance for PM<sub>2.5</sub> Permit Modeling* to reflect the 2017 revisions to the *Guideline on Air Quality Models* and incorporates appropriate sections for O<sub>3</sub>. EPA requests comments on the draft guidance by Friday, March 27, 2020. This allows at least 45 days for consideration, review, and comment. The draft guidance is available on [EPA's SCRAM website](#).

**Save the Date: 21<sup>st</sup> Annual National Tribal Forum on Air Quality (NTFAQ) on May 27-29, 2020, hosted by the Muscogee (Creek) Nation in Tulsa, Oklahoma**

The NTFAQ provides environmental professionals from tribes, EPA, and other organizations an opportunity to meet and discuss current policies, regulatory initiatives, and technical topics in air quality. The NTFAQ is a cooperative endeavor co-sponsored by The Institute for Tribal Environmental Professionals (ITEP) and the National Tribal Air Association (NTAA), made possible by funding from US EPA and our generous sponsors. [We are soliciting tribal co-hosts for the 2020 NTFAQ!](#) Stay tuned to the [ITEP website for information on registration, scholarships, and more](#).



### **Save the Date: Tribal Lands and Environment Forum on August 17-20, 2020**

This year's Tribal Lands and Environment Forum: A National Conversation on Waste and Response Strategies, will take place in Milwaukee, Wisconsin, August 17-20, 2020. Registration, session proposal forms, travel information, and field trip announcements will all be coming soon. Stay tuned! [www.nau.edu/TLEF](http://www.nau.edu/TLEF)

### **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, February 19, 2 pm 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
<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, February 27, 2pm ET
<b>Mobile Sources Work Group:</b> This monthly work group addresses all mobile source pollution issues.	Thursday, March 5, 2pm ET
<b>Wood Smoke Work Group:</b> Join this work group every other month to address wood smoke issues in Indian Country.	Thursday, March 19, 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>		
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
<i>Note: This schedule is subject to change. For up-to-date information, course descriptions, and applications please visit <a href="http://www7.nau.edu/itep/main/Training/training_air/">http://www7.nau.edu/itep/main/Training/training_air/</a></i>			

### **Climate Change / Energy**

**February 12, 1 PM (ET) – ENERGY STAR and Green Building Rating Systems**

Learn how to use EPA tools and resources to help meet requirements for green building rating systems such as the U.S. Green Building Council's Leadership in Energy and Environmental Design (LEED), the Green Globes system, and others.

[Register](#)

### **February 13th, 3 PM (ET) - Groundwork Climate Safe Neighborhoods Program Webinar**

What does race have to do with urban heat islands, flooding and other climate-related impacts? Join this webinar to learn about the Groundwork Climate Safe Neighborhoods program and how Groundwork communities are documenting the relationship between historical race-based housing segregation and the current and predicted impacts of climate change. Hear from Groundwork Richmond, California and Groundwork Elizabeth, New Jersey about methods for collecting and sharing data in their communities.

[Register](#)

### **February 19, Noon (ET) – Ask the Expert**

Every other Wednesday ENERGY STAR holds a Portfolio Manager "Ask the Expert" session. It's a live webinar that gives all users an opportunity to ask their questions directly to EPA experts in an open forum. Want to talk to a "real" person? Have a question about how Portfolio Manager calculates your score? Want to learn more about entering Green Power? Join ENERGY STAR, and they'll answer all your questions about ENERGY STAR Portfolio Manager in this public forum.

[Register](#)

### **February 26, 2 PM (ET) – Portfolio Manager 301**

With a good background on the basic functionality of EPA's ENERGY STAR Portfolio Manager tool, learn about some advanced features including: using spreadsheet upload templates to update property data; setting goals and targets to plan energy improvements for properties; creating custom reports; and using the Sustainable Buildings Checklist.

[Register](#)

### **February 26, 11 AM (MT) – Energy Efficiency Basics**

When trying to lower energy bills or reduce environmental impact from energy generation, the first step is to look for opportunities to increase energy efficiency. This webinar will define what energy efficiency is and explore how to identify potential measures to reduce Tribal energy use.

[Register](#)

### **South Central Climate Adaptation Science Center: Earth to Sky Workshop**

Earth to Sky is a partnership between NASA, NPS, and USFWS that enables and encourages informal educators to access and use relevant NASA science, data, and educational and outreach products in their work. The partnership's focus is on climate change science and communication. Join us for three days of training with native informal educators from across the South Central region who recognize the importance of teaching climate change. The workshop will take place July 15-17 in Sulphur, OK. [Learn more here.](#)

**NEW! Call for Proposals now open: National Tribal & Indigenous Climate Conference August 31-September 4, 2020**

Proposals due: April 3, 2020

The Institute for Tribal Environmental Professionals (ITEP) is honored to host the United States' First Biennial 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 and will include a balance of Traditional Indigenous Knowledges and Western Science. We invite people to [submit proposals](#) discussing climate-related impacts, assessments, tools, adaptation planning, mitigation and actions in one or more of the following tracks:

- Indigenous Knowledges
- Air, Health & Well-Being
- Land
- Water
- Relocation
- Infrastructure
- Energy Systems
- Food Sovereignty
- Ecosystems and Biodiversity

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

***Toxics/Mobile Sources***

**Draft EPA Port-Related Emission Inventory Methodologies Document Available**

The public draft of the "[Methodologies for Estimating Port-Related and Goods Movement Mobile Source Emission Inventories](#)" is now available. This document describes the latest, state-of-the-science methodologies for preparing a port-related emissions inventory for six mobile source sectors: ocean-going vessels, harbor craft, recreational marine, cargo handling equipment, onroad vehicles, and rail. This draft document reflects new data sources and model availability, and integrates the lessons learned from practical experience with [EPA-Port Everglades Partnership](#) and [National Port Strategy Assessment](#). This document supersedes EPA's 2009 "Current Methodologies in Preparing Mobile Source Port-Related Emission Inventories." Interested stakeholders can send any feedback on this draft

to [talkaboutports@epa.gov](mailto:talkaboutports@epa.gov) by **March 31, 2020**. In addition, EPA encourages stakeholders to use this document when developing inventories. EPA will consider any feedback received on the public draft in a future revision to this document. EPA will be hosting a public webinar on **February 25<sup>th</sup>, 2020 at 2pm Eastern** (webinar calendar invite attached) to provide a background of the work leading to this update, approach and scope of the update, and updated methodologies by mobile source sector. For more information, [please visit this link](#).

### **Federal Register Publication Notice: EPA's Cleaner Trucks Initiative -- Advance Notice of Proposed Rule**

The EPA's Advance Notice of Proposed Rule (ANPR) titled "*Control of Air Pollution from New Motor Vehicles: Heavy-Duty Engine Standards*" [has been published in the Federal Register](#). Please note that the 30-day comment period for this ANPR began Monday, January 21, 2020, and all comments must be submitted on or before February 20, 2020. The EPA websites, [ANPR: Control of Air Pollution from New Motor Vehicles: Heavy-Duty Engine Standards](#) and [Cleaner Trucks Initiative](#) will be updated, replacing the earlier "pre-publication" version of the ANPR with the official version in the link above. The NTAA will be submitting a request for comment extension as well as developing a Policy Resource Kit.

### **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).

## **Indoor Air Quality**

## **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 & FUNDING OPPORTUNITIES**

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

#### **The National Tribal Air Association is hiring a Program Coordinator!**

NTAA is seeking a Program Coordinator to help NTAA's Staff and Executive Committee achieve NTAA's mission. NTAA was founded in 2002 with a mission to advance air quality management policies and programs, consistent with the needs, interests, and unique legal status of American Indian Tribes and Alaska Natives. NTAA is administered by the Institute for Tribal Environmental Professionals (ITEP) at Northern Arizona University and is the recipient of a three-year cooperative agreement with the U.S. Environmental Protection Agreement. [Click here](#) to visit NAU's careers website to complete your application. ***The job is posted until 11:59 pm on February 13, 2020***, so be sure to get your application in by then! Contact Andy Bessler at [andy.bessler@nau.edu](mailto:andy.bessler@nau.edu) with any questions

#### **DIRECTIONS:**

1. Select [the link](#) to access our careers site.
2. Sign In to access your account or if you are not an existing user select the New User link to create one.

3. Review the job description and select the Apply button to begin your application.

### **NEW! Great Lakes Indian Fish & Wildlife Commission (GLIFWC) Climate Change Internships**

Deadline to apply: March 6, 2020, 4:30pm CST

The Great Lakes Indian Fish & Wildlife Commission (GLIFWC) has two paid climate change internships available this summer. Both internships are hosted at the GLIFWC Main Office on the Bad River Reservation, WI, from June 1 - August 7, 2020. Applicant may be an incoming or continuing student that is accepted and/or enrolled full time at a college/university for Fall 2020 semester.

[Phenology Climate Change Internship info here](#)

[Traditional Ecological Knowledge Climate Change Internship info here](#)

### **NEW! U.S. State Department Air Quality Fellows Program**

The [Air Quality Capacity Building Fellows Program](#) is seeking air quality management experts from the U.S. to provide assistance and capacity building to developing countries facing air quality challenges. These countries apply through the program and are matched with Air Quality Fellows having the relevant expertise. By building on the existing capacity of these interested governments, Fellows assist the countries (and other international partners working with them) to achieve sustainable improvements in local and transboundary air quality and a reduction in associated health, economic, and environmental impacts. Fellowships span 12 to 18 months, and Fellows will provide ongoing technical support, training, and guidance remotely at an estimated level of 12-20 hours per month. Fellows will also travel to work with the host country in-person for up to 4 weeks, i.e., two separate 2-weeks trips over the 12-18 months. The program arranges and pays for all travel, but Fellows are not compensated for their time. Potential Fellows need to be U.S. citizens and if currently employed, need to have the support of their management to participate.

### **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.

## **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)

## **Graduate Study Opportunity: Integrating Indigenous and Scientific Knowledges for Environmental Sustainability**

The Center for Native Peoples and the Environment at the State University of New York's 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 online](#) or contact Dr. Robin Wall Kimmerer at [rkimmer@esf.edu](mailto:rkimmer@esf.edu).

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

### **NEW! Air Quality Podcasts**

The following list and links are to podcasts related to climate change, air quality, emissions, and the Volkswagen Settlement:

[Parts Per Billion](#) | By Bloomberg Environment

[American Scandal](#) | By Wondery

[Volkswagen Diesel Scandal - Whatever It Takes 1](#) | By Wondery: American Scandal

[Volkswagen Diesel Scandal – The Defeat Device 2](#) | By Wondery: American Scandal

[Exxon Valdez: Oil Meets Water 1](#) | By Wondery: American Scandal

[Exxon Valdez: The Mosquito Fleet 2](#) | By Wondery: American Scandal

[Exxon Valdez: The Spin Cycle 3](#) | By Wondery: American Scandal

[Exxon Valdez: Winner Take Nothing 4](#) | By Wondery: American Scandal

[Exxon Valdez: 30 Years Later 5](#) | By Wondery: American Scandal



### **NEW! Sensor Videos Available for Preview**

EPA has developed three short (~3 minute) videos to help people understand the nature of low cost sensors and how air quality measurements relate to public health, as well as a PSA to introduce the videos. The videos cover how EPA collects and uses regulatory data, how EPA communicates health messaging, and questions that the public can ask themselves as they consider how to use sensors. We are sharing these links with you early, as you are one of our key stakeholders. You can preview these videos – in both Spanish and English - now at:

- [Air Sensor PSA](#)  
[Air Sensor PSA \(Spanish\)](#)
- [Air Sensors: Regulatory Data and Sensor Data Quality](#)  
[Calidad de los Datos Regulatorios y de los Datos del Sensor](#)
- [Air Sensors: Measurements and Your Health](#)  
[Medidas y Su Salud](#)
- [Air Sensors: Sources of Air Quality Information](#)  
[Fuentes de Información sobre la Calidad del Aire](#)

On February 18, 2020, we plan to post links to these videos on the [Air Sensor Toolbox web page](#). And we plan to promote them during Air Quality Awareness week – May 4-8, 2020.

### **Regulation Navigation Tool for Air Quality Regulations: Emission Guidelines and Compliance Times for Municipal Solid Waste Landfills**

These online, interactive software programs are designed to help owners and operators of selected air quality regulations determine their personalized requirements by answering successive questions about their equipment/facilities. Note that the tool is not capable of storing or saving the information used. Owners/operators will need to print the results for their records. [All of the tools can be found 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. For more information, visit the funding opportunity [description](#).

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

***Climate Change/Energy***

**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](#).

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**

### **NEW! February Is National Cancer Prevention Month**

During National Cancer Prevention Month, the U.S. Environmental Protection Agency ([EPA](#)) and the American Institute for Cancer Research ([AICR](#)) are working to inform Americans about how lifestyle can help reduce cancer risk and keep you healthy.

Exposure to secondhand smoke commonly occurs indoors, particularly in homes and cars. [Eliminating secondhand smoke](#) in your indoor environment can reduce the risk of harmful [health effects](#), such as respiratory issues, heart disease and lung cancer. Nonsmokers who are exposed to secondhand smoke increase their risk of developing lung cancer by 20 to 30 percent.

*A few simple changes can help reduce your risk:*

- Make your home smoke-free, smoke outside or quit smoking.
- [Test](#) your home for radon. Radon claims the lives of about 21,000 Americans each year; it is also the leading cause of lung cancer death among nonsmokers in the United States.

### **HUD's Secretary's Awards for Healthy Homes**

This year's HUD Secretary's Awards for Healthy Homes has just opened for nominations. As in past years these awards recognize various HUD partners who actively promote policies or programs that benefit the health of the families they serve. The Announcement Package for this year's Award has all the information for our stakeholders about the Awards. The deadline for nominating projects and activities this year is March 10<sup>th</sup>. This year's award will consider nominees from the following categories:

- Public Housing
- Multifamily Housing
- Policy Innovation
- Cross Program Coordination
- Innovation in Education and Communications
- Research

The Announcement Package describes the goals, key dates, award categories, eligible applicants, criteria for reviewing and rating nominations, and submission guidelines. Page 9 of the Announcement notes that all entries must be completed by utilizing the [online nomination form here](#). For complete details about the Awards, [visit this link](#) and read the "Application Package." If you have any questions about the Awards, please contact [Clyde.K.Rodkey@hud.gov](mailto:Clyde.K.Rodkey@hud.gov).

### **EPA's Online Order Form for Burn Wise Educational Materials**

The [materials listed here](#) can be ordered free. The PDF files can also be printed directly from this page. Materials include brochures and poster for schools and public use.

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

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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