



NTAA Weekly Update

Week of November 16 - 20, 2020

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PHOTOS FROM THE FIELD

U.S. News—[U.S. Tops 11 Million Infections](#)



A health worker walks along a line of cars at a King County COVID-19 testing site, Oct. 28, 2020, in Auburn, Wash. (TED S. WARREN/AP).

The U.S. has recorded over 11 million cases of the [coronavirus](#) in a pandemic that shows no signs of slowing.

TOP STORIES

On October 15, 2020, EPA proposed the Revised Cross-State Air Pollution Rule (CSAPR) [Update](#) to fully address 21 states' outstanding interstate pollution transport obligations for the 2008 ozone National Ambient Air Quality Standards (NAAQS). Starting in the 2021 ozone season, the proposed rule would require additional emissions reductions of nitrogen oxides (NO_x) from power plants in 12 states, improving air quality for millions of Americans. *NTAA has published a [Policy Resource Kit](#) that includes a [fact sheet](#)* that Tribes can use to learn more and will soon be publishing a template letter that Tribes can use to submit comments. The [Proposed Revised Cross-State Air Pollution Update Rule's](#) Docket ID Number is [EPA-HQ-OAR-2020-0272](#). The deadline to submit a comment is **December 14, 2020**.

NY Times - [Biden Plans to Move Fast With a 'Climate Administration.' Here's How.](#)

HEADLINES

Ambient Air Quality/EPA/NTAA/Tribes

CNN - [Pfizer and BioNTech say final analysis shows coronavirus vaccine is 95% effective with no safety concerns](#)

BGR - [Dr. Fauci just said something about the coronavirus pandemic that will make people angry](#)

NY Times—[Trump Administration, in Late Push, Moves to Sell Oil Rights in Arctic Refuge](#)

E&E—[Meet a progressive favorite for EPA chief](#)

Bloomberg Law - [Biden Faces Regulatory Challenges to Cut Power Plant Emissions](#)

NPR—[Fireworks of Diwali Spark Worries About Pollution...And Coronavirus Cases](#)

The Hill—[Native American tribe aims for net-zero emissions](#)

NY Times - [New Technology Claims to Pinpoint Even Small Methane Leaks From Space](#)

Axios - [Mapping air pollution at the neighborhood level](#)

Science Daily - [How air pollution affects homeless populations](#)

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

Climate Change/Energy

E&E News—[Bezos announces millions for environmental groups](#)

Scientific American - [Biden Stocks Transition Teams with Climate Experts](#)

The Guardian - [A youth group helped Biden win. Now they want him to fix climate crisis](#)

Ensia—[Youth environmental activists in Russia face down obstacles to spread their climate message](#)

AP - [Biden gives boost to retiring senator's climate change plan](#)

The Atlantic—[The Alaska Tsunami That Can't Be Stopped](#)

CNN - [Trump's coal rescue was doomed from the beginning](#)

Toxics/Mobile Sources

NPR—[Farmworkers Say The Government Is Trying To Cut Their Wages](#)

Indoor Air Quality

Time—[Can Indoor Plants Really Purify the Air?](#)

National Law Review - [OSHA issues Guidance on Ventilation](#)

United Kingdom Government - [New film shows importance of ventilation to reduce spread of COVID-19](#)

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

UPCOMING CALLS/EVENTS/NOTICES

Ambient Air Quality/EPA/NTAA/Tribes

The National Tribal Air Association's Indoor Air Quality Work Group Presents the last Informational Webinar in NTAA's Webinar Series:

IAQ Considerations to Assist Tribes in Re-Opening Tribal Buildings: Winter is Coming.

This two-hour webinar on November 24, 2020 at 2 pm - 4 pm ET is free and open to the public. You can register and attend using this link:

<https://attendee.gotowebinar.com/register/1900761345953468429>

If you can only join via telephone, you can call in using:
(631) 992-3221 and use code 193-458-713

Webinar Agenda:

1. *Welcome and Speaker Introductions:* Ernie Grooms, NTAA IAQ Work Group Lead
2. *A Review of COVID Risk Reduction: There is no Silver Bullet:*
 - a. Gillian Mittelstaedt, Tribal Healthy Homes Network (THHN)
 - b. Dr. Ginger Chew, Center for Disease Control and Prevention (CDC)

3. *Winter Issues with Wood Smoke and COVID: Increases in Risk & Risk Reduction Strategies*: Ellen Wildermann, U.S. EPA's Burn Wise Program

4. *Combining Ventilation, Filtration, and Air Disinfection: A Systems Approach to Effective Airborne Risk Reduction*: Dr. Bill Bahnfleth, Pennsylvania State University

5. *Using CO2 Monitors to Guide Ventilation Efforts with Outside Air*: Mansel Nelson, Institute for Tribal Environmental Professionals (ITEP)

6. *A Tribal Story on Contact Tracing*: Bryon Daley, Resident Environmental Health Specialist at Red Cliff Band of Lake Superior Chippewa Indians

7. *Final Questions and Answers*: NTAA's Andy Bessler to Moderate

Contact Andy Bessler if you have any questions about this webinar at andy.bessler@nau.edu. Hope you can make it!

NEW! Burning wood this winter? Check out these 5 tips to keep your family and neighbors healthy

Smoke may smell good, but it's not good for you. Wood smoke consists of tiny particles that can get into your eyes and lungs, where they may cause burning eyes, runny nose, and illnesses (such as bronchitis). Tiny smoke particles can irritate your lungs, cause inflammation, and affect your immune system. Particles found in wood smoke can make [asthma](#) symptoms worse and trigger asthma attacks.

Wood smoke can also make you more prone to lung infections, likely including SARS-CoV-2, the virus that cause COVID-19. According to the [CDC](#), people who currently have or who are recovering from COVID-19 may be at an increased risk of health effects from exposure to wood smoke due to compromised heart and/or lung function related to COVID-19. Learn more [here](#)! And [best wood-burning practices](#).

***Attention Region 5 Tribes*!**

Within the next week, the National Native Network will be sending out the *Network Partner Survey*. As one of the key partners in cancer and commercial tobacco prevention and control efforts, you can provide valuable insights and feedback. This short survey will help NNN learn more about your collaboration with partners and members of NNN. The voluntary, confidential, web survey will be sent to you via a secure link. The National Native Network (NNN) is a national network of Tribes, tribal organizations and health programs working to decrease commercial tobacco use and cancer health disparities among American Indians (AI) and Alaska Natives (AN). NNN provides culturally relevant resources and technical assistance, and brings together up-to-date information and lessons learned, as part of a community of tribal and tribal-serving public health programs.

NEW! 2020 Virgil Masayesva Memorial Scholarship Recipients

Virgil was the co-founder and director of the Institute for Tribal Environmental Professionals (ITEP) at Northern Arizona University in Flagstaff, Arizona. As a director, Virgil directed and managed ITEP's tribal environmental training programs and was instrumental in establishing ITEP's air quality programs including the American Indian Air Quality Training Program and the Tribal Air Monitoring Support Center and many other programs dedicated to the protection and preservation of tribal resources and tribal environmental management. [Click here](#) to see this year's scholarship recipients and [make a donation](#) to help support Native American students at NAU!

NEW! KTNN Radio Forum – Tribal Casinos Re-Opening 100% Smoke Free: The New Normal

Thursday, November 19; 6-8pm MDT Tune in AM 660

Topics include: Indian Country's Movement towards smoke-free casinos, tribal leaders on the 'New Normal' for Tribal casinos, Navajo Casino worker perspectives on smoke-free casinos, marketing strategies and benefits in going smoke-free, and Navajo Nation efforts in smoke-free casinos.

Grand Canyon Trust Teach-In on Uranium Mining and the Colorado Plateau *6-7pm MT | [Register Here](#)*

Join Talia Boyd, Cultural Landscapes Program manager, Amber Reimondo, Energy Program director and Megan Kelly, Energy Program associate, online via Zoom as they kick off a new teach-in series highlighting the toxic legacy of uranium mining and milling in tribal communities. Listen in as they discuss the history of uranium mining on the Colorado Plateau and what we're working on today to break the ongoing cycle of injustice caused by America's nuclear ambitions.

Teach in Schedule – Thursdays:

- Nov. 19, 2020 — Native perspectives: uranium and the environment
- Dec. 3, 2020 — Native perspectives: uranium and community health
- Dec. 10, 2020 — Native perspectives: uranium and the cultural impacts in Native America
- Dec. 17, 2020 — Native perspectives: uranium and the economy

Executive Education For Tribal Leaders: Leadership in Times of Uncertainty

Thursday, November 19; 10am – 12pm MST | Contact [Shirley](#) to register

This virtual exclusive session via Zoom is designed specifically for leaders who have attended previous TLI sessions and offers the opportunity for Indigenous leaders to step back from their daily roles and responsibilities to re-evaluate and revitalize their professional and personal strengths in times of uncertainty. For

more information, contact Shirley Conrad at Shirley.conrad@nau.edu or call 928-523-9124. Sponsored by the Tribal Leadership Initiative.

Woodstoves in Indian Country Webinar Series

December 1st, 7th, & 15th; 10am PT, 1pm ET / [Register Here](#)

Participants will increase their understanding of health impacts of wood smoke, cultural perspectives of woodburning, and woodstove operation & maintenance. Participants will also obtain ideas, publications, and resources for conducting outreach for operation and maintenance of woodstoves within their own tribal communities.

- **Webinar #1: December 1, 2020**
 - Wood smoke health effects and impacts to Indian Country
 - Cultural acknowledgement of fuel wood and fire
- **Webinar #2: December 7, 2020**
 - Types of stoves, basic operation, safety, clearances, ventilation
 - Navajo Hybrid stove operation, maintenance and best burning practices
- **Webinar #3: December 15, 2020**
 - Education and Outreach for Tribal Communities
 - Risk reduction for COVID – role of wood smoke (Particulate Matter (PM))

EPA Burn Wise Program: Wood Smoke and COVID-19 webpage

The [webpage](#) includes basic information about the relationship between residential wood smoke and COVID -19, links to information that will help the public know the difference between symptoms from smoke exposure and COVID-19, and steps to take to reduce exposure of wood smoke. The COVID-19 pandemic has significantly impacted our routines and patterns. With more people attending school virtually and working from home this winter along with trying to save money on home heating bills, we anticipate an increased amount of residential wood burning this heating season. Smoke from wood stoves, fireplaces and firepits and can impact air quality both indoors and outdoors.

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 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.

Indoor Air Quality Work Group: Join this work group every other month to help support IAQ work throughout Indian Country.	Thursday, November 19, 2pm ET
Wood Smoke Work Group: Join this work group every other month to address wood smoke issues in Indian Country.	Thursday, November 19, 2pm ET
EPA Policy Call: Call in to hear updates from EPA on policies, actions, and tools relevant to Indian Country and Air Quality.	Thursday, December 3, 2pm ET
Mobile Sources Work Group: This monthly work group addresses all mobile source pollution issues.	Thursday, December 10, 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
	2020		
Air Pollution Technology (<i>Postponed!</i>)	TBD	Flagstaff, AZ	2
Meteorological Monitoring (<i>Postponed!</i>)	Fall 2020	TAMS Center, Las Vegas, NV	3
Air Pollution Modeling	Fall 2020	TAMS Center, Las Vegas, NV	3
Air Quality Outreach	TBD	TBD	1
National Tribal Forum on Air Quality (NTFAQ) (<i>Postponed!</i>)	May 2021	Tulsa, OK	n/a
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 http://www7.nau.edu/itep/main/Training/training_air/</i>			

Climate Change / Energy

NEW! Alaska Forum on the Environment

Upcoming November and December Sessions

- *November 18 - Preparing Your Landfill Household Hazardous Wastes for Winter Storage in Rural Alaska*
- *December 2 - Adapting to Climate Change: Lessons Learned Relocating an Alaskan Village*
- *December 9 - Introduction to Lean and Process Improvement*
- *December 16 - Introduction to Fats, Oils, and Grease (FOG)*

Technical sessions and environmental trainings are now offered all year long, through December 2021! And to keep the tradition of the AFE event alive, enhanced content, trainings and world-renown keynotes will still take place February 8-11, 2021, also all online.

Keep an eye out on the [AFE Technical Session and Training Calendar](#), where you can view detailed session information. Additional technical sessions and new inspirational series' will be added regularly. [Register today](#) by selecting Alaska Forum Annual Subscription.

Virtual Southwest Climate Change 101 Course for Tribal Environmental Professionals

November 16-20, 2020 | [Register Here](#)

This course will introduce topics on regional impacts of climate change, future climate trends, and tools to help in climate adaptation planning. This course is a collaboration between ITEP, the Southwest Climate Adaptation Science Center, and the American Indian Higher Education Consortium. This is a week-long virtual course, running for approximately 5 hours (breaks included) each day from November 16-20th. Click [here](#) to view course flyer.

The Bumpy Road to Net Zero: Paths to Carbon Neutrality in Uncertain Times

November 17-19: 9am-1pm PT | [Register Here](#)

Join the Center for Ecosystem Science and Society at Northern Arizona University and experts from universities and colleges across the US that are on the road to carbon neutrality for a virtual convening. Administrators, faculty, and facilities personnel from leading institutions will discuss best practices, obstacles, and lessons learned in nine specific issue areas related to carbon neutrality goal-setting and achievement.

Digital Solutions to Climate and Water Challenges

Free Webinar Series begins November 17; 2-3:15pm ET | [Register Here](#)

Technology is radically reshaping how things are powered, made, and moved. As such, the next 50 years of environmental protection will not look like the first 50—it will be driven by technology as much as by regulation. A year ago, the Environmental Law Institute and collaborators hosted [GreenTech 2019](#) in Seattle, Washington, to explore innovative and transformative technologies and the unique opportunities and challenges they present to protecting the environment. As we were unable to host an in-person gathering in 2020, the GreenTech Committee is holding a [series of free webinars](#) to keep the dialogue moving forward.

Should a Carbon Tax Be Part of the Strategy for Achieving 100% Clean Energy?

November 18, 3pm ET | [Register Here](#)

This webinar, presented by the Clean Energy States Alliance, will explore how a carbon tax could feature in state and national efforts to advance clean energy. Gilbert Metcalf, the John DiBiaggio Professor of Citizenship and Public Service and Professor of Economics at Tufts University, will explain why economists believe a carbon tax can be an effective, efficient, and fair policy for addressing climate change. He will discuss how it could improve the fairness of the tax code and contribute to economic growth, while reducing greenhouse gas emissions. He will compare its benefits to those of other potential policies. Metcalf is author of the 2019 book *Paying for Pollution: Why a Carbon Tax Is Good for America* and was Deputy Assistant Secretary for Environment and Energy at the US Department of Treasury. There will be opportunity for audience questions.

This webinar is presented by the Clean Energy States Alliance (CESA) on behalf of the 100% Clean Energy Collaborative.

Call for Community Engagement Workshop Participants and Papers for a Special Issue

Workshop Series: Winter/Spring 2021

[Apply Here](#)

This USDA NIFA funded and professionally facilitated Engagement Workshop Series will convene a multidisciplinary group of researchers, community stakeholders, practitioners, students, funders, and policy makers to discuss the design and impacts of stakeholder engagement to address socio-environmental problems in working landscapes. The workshop series includes virtual meetings in winter/spring 2021 and a two-day in-person workshop at Penn State University, US in June 2021. Intended outcomes include 1) a special issue of a journal on workshop themes, 2) a collaboratively defined and co-produced research agenda on the “science of engagement,” and 3) formation of a new collaborative research network. Among the questions to be addressed are: *What risks does engagement entail and for whom? What challenges and risks are posed to indigenous and underrepresented communities through engagement? Which approaches effectively and equitably engage underrepresented stakeholders?* [Apply here to participate](#) in the virtual meetings and/or to submit a paper. Funding is available for travel to the June 2021 conference on a competitive basis. More information available at the [workshop website](#). Questions or a request for more information can be sent to Georgia Hart-Fredeluces at hartgeo2@isu.edu.

Save the Date: Shifting Seasons Summit 3, October 6-8, 2020, Keshena, WI

Contingency dates: March 2021

The Shifting Seasons Summit is a gathering that focuses on climate resilience planning and implementation within Tribes and across Tribal ceded territories in the Northeast Region. This summit will also include network-building opportunities and initiatives developed outside of the Northeast by capacity building organizations, academic institutions and Tribes. Visit www.NICRN.org for more details.

ITEP’s Climate Change Adaptation Training Courses registration is online!

[Learn more about the courses and register here.](#)

Toxics/Mobile Sources

NEW! MOVES3 Posted on EPA Website

EPA's Office of Transportation and Air Quality is pleased to announce the web posting of the latest version of the MOrtor Vehicle Emission Simulator, MOVES3. This state-of-the-science upgrade to EPA’s modeling tools replaces the

MOVES2014 series of models as EPA's latest model for estimating air pollution emissions from cars, trucks, motorcycles, and buses, as well as many categories of nonroad equipment. Compared to the previous MOVES2014 modeling tool, MOVES3 allows users to model the benefits from new regulations promulgated since MOVES2014 was released, incorporates the latest vehicle and emissions data, and has improved functionality. EPA will be publishing a *Federal Register* notice to announce the availability of MOVES3 for official purposes. The MOVES web page (<https://www.epa.gov/moves>) is the source for MOVES3 software as well as a detailed "Question and Answer" document, MOVES Policy Guidance, MOVES Technical Guidance, technical reports that document the data and algorithms used in MOVES3, tools for use with MOVES, and information on MOVES training.

New Mobility Mindsets: On-Demand Transit

November 16; 3pm ET / [Register Here](#)

Public transit—buses, streetcars, and sometimes rail—has long been an important means for residents, commuters, and visitors of places to get from Point A to Point B without a car. Some transit agencies are experimenting with new technologies to provide on-demand transit services. Similar to personal ridehailing, on-demand transit allows users to request a ride through an application to access door-to-door or corner-to-corner (which involves a short walk) service. Like traditional transit, these rides have a set fare and typically can be paid for with a transit fare card. Hear an overview from the American Public Transportation Association, and recent experiences from Dallas Area Rapid Transit and the Central Ohio Transit Authority, both before and during the COVID pandemic.

OSHA #7225 Transitioning to Safer Chemicals: Live Virtual Training

November 19-20; Price: \$195 / [Register Here](#)

OSHA #7225: Transitioning to Safer Chemicals gives participants hands-on experience with innovative processes for transitioning to safer chemicals, as well as the new methods, tools, and databases that can assist in this process. The course will guide participants through OSHA's seven-step substitution planning process for understanding and evaluating chemical use, identifying and assessing alternatives, and implementing those alternatives that are safer. Hosted by the Pacific Northwest OSHA Education Center.

The U.S. Environmental Protection Agency (EPA) Office of Chemical Safety and Pollution Prevention (OCSPP) is initiating consultation and coordination with federally-recognized tribes regarding development of proposed actions under section 6(a) of the Toxic Substances Control Act (TSCA) for conditions of use of methylene chloride and 1-bromopropane (1-BP) that EPA has determined present unreasonable risk. EPA is initiating these actions for

methylene chloride and 1-BP so that those conditions of use no longer present an unreasonable risk. EPA recognizes that decisions concerning TSCA Section 6(a) regulations have consequences for tribes. Tribes may be affected to the extent that individuals in tribes engage in the commercial or consumer uses of methylene chloride or 1-BP that EPA determined present an unreasonable risk or are exposed to others' commercial or consumers uses. Additionally, businesses in Indian country processing (formulating), selling, or using methylene chloride or 1-BP or products containing methylene chloride or 1-BP that EPA has determined present an unreasonable risk may be directly affected by any finalized regulations under TSCA Section 6(a).

This consultation and coordination process will be conducted in accordance with the [EPA Policy on Consultation and Coordination with Indian Tribes](#). EPA invites you and/or your designated consultation representative(s) to participate in this process. OCSPP's anticipated timeline for the consultation and coordination period for each chemical is expected to extend from October 13, 2020 – January 8, 2021. During this period, two identical consultation sessions will be conducted, and both will cover both chemicals. To participate, OCSPP invites you and/or your designee to join us during one or more of the following consultation sessions:

- **Tuesday, November 17, 2020**, Tribal Consultation 2 – Technical Briefing and Comment Period from 1:00-3:30 pm (ET). Conference Line: 1-833-376-0559; ID #1361158 and the [Adobe Connect Link here](#).

This information is available on EPA's Tribal Consultation Opportunities Tracking System [webpage](#). To learn more about the rulemaking for methylene chloride, [visit](#). To learn more about the rulemaking for 1-BP, [visit](#).

[The recent additions to OTAQ's website are listed here. You can access these additions as well as new press releases and Federal Register notices related to OTAQ on our website.](#)

Indoor Air Quality

EPA's IAQ Webinar Series: The Impact of Relative Humidity on Indoor Chemistry and Microbiology

Wednesday, November 18, 2020; 2-3:30pm EST / [Register Here](#)

We spend 90% of our time indoors where we are exposed to a complex mixture of chemicals and diverse microbial communities. Both indoor chemistry and microbes are influenced by excess moisture in homes, and this dampness is associated with negative human health effects. The goal of this webinar is to elucidate how elevated relative humidity in housing can influence both indoor chemistry and microbiology. This work focuses on carpet and dust, which are important reservoirs for human exposure.

Four Steps to Becoming an IAQ Champion and Reducing the Spread of Viruses in Schools

The latest on-demand webinars available to view on EPA's website outline a four-step process for implementing indoor air quality (IAQ) management strategies to reduce the spread of viruses and bacteria in schools. Identify the important steps for improving IAQ in your school or school district by viewing the webinars listed below.

- Step 1: Learn how [operating and maintaining efficient HVAC systems](#) in schools goes hand in hand with controlling the spread of airborne viruses and bacteria.
- Step 2: Learn how to [tailor your cleaning and maintenance plan](#) and procedures to help implement cleaning guidance in your school or school district.
- Step 3: Learn how to [identify additional key IAQ considerations](#) that address a range of critical areas related to controlling the spread of diseases and bacteria in schools.
- Step 4: Turn your [knowledge into action](#) by integrating what you've learned into your school's plans for IAQ management, preventive maintenance, and a safe reopening and operation.

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

RESOURCES & FUNDING OPPORTUNITIES

Now Hiring!

NEW! Office of Energy Efficiency and Renewable Energy

Clean Energy for Biden (CE4B) has launched a screening committee to identify, vet and endorse highly qualified clean energy professionals to potentially serve in a Biden-Harris administration.

[Apply for this Job!](#)

If you are interested in this The Biden-Harris administration is committed to starting day one of their Administration by leading by example, making sure political appointees, including their Cabinet, and our entire federal workforce look like the country they serve. CE4B is not part of the official Biden-Harris campaign, but we are gathering names for all levels of clean energy positions within a Biden-Harris administration, with a focus on underrepresented groups. If you or someone you know would make a good addition to government clean energy leadership, please complete this application.

If you are interested in this particular role, please submit your resume to CE4B's clean energy professionals database, which we will make available to the Biden-Harris Transition Team. Please ensure you are also signed up as a member of Clean Energy for Biden. Sign up [here](#) if you're not already registered.

NEW! Director of Tribal Relations | Olympia, WA

[Click here](#) for more info!

This recruitment will remain open until filled. Application review will be ongoing with first review on 11/13/2020. The hiring authority reserves the right to make a hiring decision at any time. It is in the applicant's best interest to submit material as soon as possible.

NEW! Pathways Recent Graduate: GS-11/12 Geographer/Physical Scientist (Climate Impacts)

[Climate Adaptation Science Centers](#)

Duty Station: Raleigh, NC or Minneapolis, MN

Vacancy announcement (<https://www.usajobs.gov/>) opening November 16, 2020 with negotiable start date.

The position will focus on :

- Conducting quantitative analyses of climate observations and future scenarios at spatial and temporal scales that are relevant to natural resource managers in the eastern US;
- Integrating climate model projections into species, habitat, and ecosystem response models; and
- Developing graphics and written summaries to communicate and translate scientific results for use by natural resource managers and decision makers.

Interested but want to know more? Please contact Ryan Boyles

(rboyles@usgs.gov), Deputy Director, Southeast Climate Adaptation Science Center.

Research Fellow (Southwestern U.S. Energy Transition)

The Institute for Energy Economics and Financial Analysis (IEEFA) in partnership with the Grand Canyon Trust is seeking a full-time Fellow to conduct topical research on energy-transition issues in the southwest. This position will be based in the southwestern U.S. or in the southwestern tribal nations and preference will be given to current residents of those areas. We are looking for a self-motivated team player with experience or strong interest in the energy industry. The Fellow will work with oversight from senior IEEFA team members and with guidance from Grand Canyon Trust staff. Research priorities will be developed in partnership with IEEFA and Grand Canyon Trust staff and will be informed by the research interests of the fellow. Interested applicants should send a resume, cover letter and writing sample to fellowship@ieefa.org. All submissions should be sent by email with the phrase "Southwestern Research Fellowship" in the subject line. No phone calls please.

NOAA Climate & Global Change Postdoctoral Fellowship Program

Deadline is January 8, 2021

We are pleased to announce the 2021 call for applications for NOAA's Climate and Global Change Postdoctoral Fellowship (C&GC) program. The fellowship program has an outstanding reputation for attracting the best and the brightest PhDs in the sciences relevant to climate change. Each appointed fellow is hosted by a mentoring scientist at a U.S. university or research institution to work in an area of mutual interest.

C&GC fellows are UCAR employees and receive a fixed annual salary, plus UCAR's benefits and allowances for relocation, travel and publications.

Appointments will be announced by April 1, 2021. For [more information go here](#) or [email us!](#)

Ambient Air Quality/EPA/NTAA/Tribes

FEMA Opens \$600 Million Grant Process

The [Federal Emergency Management Association](#) (FEMA) opened applications on September 30, 2020 for two hazard mitigation grant programs totaling \$660 million. The two grant programs, the [Flood Mitigation Assistance grant](#) and the [Building Resilient Infrastructure and Communities grant, or BRIC](#), will provide funds to states, local communities, Tribes and territories for eligible mitigation activities. These programs allow for funding to be used on projects that will reduce future disaster losses and strengthen our nation's ability to build a culture of preparedness.

Both grant applications are open from *Sept. 30 to Jan. 21, 2021*. Eligible applicants must apply for funding using the new [FEMA Grants Outcome \(FEMA GO\)](#). Applications received by FEMA after this deadline will not be considered for funding.

EPA is launched a new Learning Management System (LMS) to deliver technical training to air pollution professionals in tribal, state, and local government air agencies. This new LMS is a key part of our larger plan to modernize the training that EPA and our partners deliver to air quality professionals at all stages of their careers.

The new LMS is organized around eight new air quality curricula (Functional Areas):

- Air Pollution Basics
- Air Quality Modeling
- Air Quality Planning
- Air Toxics Rule Development and Implementation
- Ambient Air Monitoring
- Emissions Inventories
- Permitting
- Source Emissions Testing and Source Emissions Monitoring

The curricula can be used as default learning plans, or learners have flexibility to design their own learning plans, drawing from materials across multiple curricula. The course materials are modularized such that learners can choose specific modules that relate to their work and professional goals, or they can access an entire course or a set of courses as part of their learning plan.

All tribal, state, and local government learners need to register to access the system. Click [here](#) to register. Step by step registration instructions are provided in the flier attached to this email. Questions about the new LMS may be addressed to apti@epa.gov.

Request for Public Nominations for Authors and Scientific/Technical Inputs and Notice of Planned Public Engagement Opportunities for the Fifth National Climate Assessment

The U.S. Global Change Research Program (USGCRP) announced the Call for Authors and Scientific/Technical Inputs for the NCA5. USGCRP is seeking nominations for authors with relevant subject matter expertise and backgrounds in the natural or social sciences. In addition, USGCRP is seeking submissions of relevant scientific and/or technical publications, including peer-reviewed and published literature (or literature that has been accepted for publication), as well as regional and topical information and information for cross-cutting or new topics since the previous assessment. *Nominations are due November 14, 2020.* To learn more about the call and access the submission portal, please visit the [Open Notice](#) on USGCRP's website. Go to the [Federal Register Notice](#) for full details.

Indian Housing Block Grant Competitive Notice of Funding Availability

Due: December 10, 2020

The U.S. Department of Housing and Urban Development (HUD) published the FY20 Notice of Funding Availability (NOFA) for the [Indian Housing Block Grant \(IHBG\) - Competitive Grant Program](#) earlier today. It announced the availability of approximately \$91 million in competitive grants to eligible Indian tribes and tribally designated housing entities (TDHEs). This program provides competitive grant funding to Tribes and TDHEs to carry out affordable housing activities for the benefit of low-income Native American families. In accordance with the FY20 Further Consolidated Appropriations Act, projects that will spur housing construction and rehabilitation will be prioritized.

HUD recognizes the many challenges faced by Tribes and TDHEs during the ongoing COVID-19 National Emergency. Accordingly, this year, HUD is providing a longer application period than the application period in last year's competition to allow applicants additional time to develop and submit applications. Therefore, applicants will have until *11:59:59 EST on December 10, 2020*, to submit applications via <https://www.grants.gov>. If applicants are unable

to submit an electronic application, they may request a waiver in accordance with Section IV.A. of the NOFA.

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

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

Two New Funding Opportunities Available Through Engagement Opportunities in NASA's Minority University Research and Education Project for American Indian and Alaska Native STEM Engagement – NASA MAIANSE

This National Aeronautics and Space Administration (NASA) Research Announcement (NRA), entitled *Engagement Opportunities in NASA STEM (EONS) – 2020*, solicits proposals for competitive funding opportunities in support of the Minority University Research and Education Project (MUREP) administered by NASA's Office of STEM Engagement. EONS 2020 is an omnibus announcement that includes a wide range of NASA science, technology, engineering, and mathematics (STEM) Engagement opportunities for basic and applied science and technology research and education. Specific opportunities will be issued periodically throughout the year as Appendices to this solicitation with individual requirements and milestones. For more information regarding the following opportunities and scheduled information sessions, please visit the [ENGAGEMENT OPPORTUNITIES IN NASA STEM \(EONS-2020\)](#) page on the NASA Solicitation and Proposal Integrated Review and Evaluation System ([NSPIRES](#)) website and click on 'List of Open Program Elements'.

Assistant Secretary Sweeney Announces \$3 Million Living Languages Grant Program Funding Opportunity

Assistant Secretary for Indian Affairs Tara Mac Lean Sweeney announced today that the Office of Indian Energy and Economic Development (IEED) is soliciting applications to the Living Languages Grant Program (LLGP). This \$3 Million grant program will fund between 15 and 60 grants, ranging from \$25,000-\$200,000, to federally recognized American Indian tribes and Alaska Native entities to document, preserve and revitalize Native languages and build active speaker capacity. IEED's solicitation for LLGP funding and details on how to apply can be found in the [Federal Register](#) and at [Grants.Gov](#).

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

Climate Change/Energy

Advancing Climate Adaptation and Coastal Community Resilience **[FY 2021 Notice of Funding Opportunity](#)**

The Adaptation Sciences Program will design and implement research investments through competitions, co-develop activities with partners, and support communities of practice around adaptation pathways. It will build on and maintain strong connections established by its highly successful predecessors - the Coastal and Ocean Climate Applications (COCA) Program, the International Research and Applications Project (IRAP), and the Sectoral Applications and Research Program (SARP).

Please feel free to reach out with questions about the FY 2021 competition or the AdSci Program; you can contact Nancy Beller-Simms (Nancy.Beller-Simms@noaa.gov) or Lisa Vaughan (Lisa.Vaughan@noaa.gov) at any time. Please refer to the [upcoming events section](#) of the NOAA/CPO website for information regarding a FY21 AdSci competition information session, and finally, please feel free to share this information with your colleagues.

On-Request Technical Assistance from DOE Office of Indian Energy

Applications Due: Not Applicable

Eligible Entities: tribal governments

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.

For more information, visit the on-request [technical assistance 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

[California Climate Investments Webinar Series](#)

- **Nonprofits** *Wednesday, November 18th; 1:30 - 2:30pm.* [Register.](#)
- **Local Governments** *Wednesday, December 9th; 1:30 - 2:30pm.* [Register.](#)

Agency and grantee speakers will highlight resources, current and upcoming funding opportunities, and share pathways to success in an upcoming webinar series. [Subscribe](#) to receive updates or [contact us](#) to provide input on the

information you would like to see provided. You can also view all California Climate Investments [funding programs available for California Tribal Governments](#).

Funding Opportunity: Up to \$2 million (up to \$1 million per applicant) is available to California Tribal Governments to launch clean, cutting-edge, shared mobility projects. California Climate Investments is accepting applications from tribal applicants first, and awards are available on a first come, first served basis. Learn more about the Clean Mobility Options program and view application materials at cleanmobilityoptions.org. [California Climate Investments](#) is a statewide initiative that puts billions of Cap-and-Trade dollars to work reducing greenhouse gas emissions, strengthening the economy, and improving public health and the environment – particularly in disadvantaged communities in California.

Recent additions to OTAQ's website in August 2020

You can access these additions as well as new press releases and Federal Register notices related to OTAQ [on our website](#).

Indoor Air Quality

Resource for Healthy Indoor Air Quality

Check out the website <https://forhealth.org/> for many resources related to healthy homes and 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](#).

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

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