

The Tribal Newsletter is
issued free each month

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Region 10 Tribal Newsletter



United States
Environmental Protection
Agency

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Some of the links in this publication may contain non-EPA information. See our [external links policy](#) for more information.

Proposed Financial Requirements for Hardrock Mining

Following a court order and Congressional directive under the Comprehensive Environmental Response, Compensation and Liability Act (aka Superfund), the EPA is taking action to protect American taxpayers by proposing financial responsibility requirements for the hardrock mining industry.

This proposal would require that owners and operators of certain classes of hardrock mines and mineral processing facilities show financial ability to address risks from hazardous substances. Since the 1980s, the EPA has spent considerable resources cleaning up contamination from hardrock mines. The most recent analysis, from 2010 to 2014, shows that the Agency spent nearly \$1.1 billion on response and cleanup actions on hardrock mining and mineral processing sites.

This proposal is the result of many years of incremental steps since the Agency identified hard rock mining as the first sector for development of these regulations. The Agency extensively consulted with stakeholders, including small businesses, industry groups, environmental groups, and state and tribal governments.

These proposed requirements complement existing financial responsibility requirements. Facilities that apply environmentally protective practices—including those required by other regulations—may be able to reduce their required amount of financial responsibility under the proposed rule.

In addition, as requested by Congress, EPA published a market capacity study to examine the availability of financial responsibility instruments for this proposal. The study illustrated the likely probability of sufficient providers and capacity to meet requirements of a future CERCLA 108(b) regulation for hardrock mining.

The EPA initiated tribal consultation with the 575 federally recognized tribes in December 2016. To view a copy of this consultation effort, and learn more about how tribes can participate in the process, please visit <https://tcots.epa.gov>.

The agency invites all stakeholders and the public to share their expertise by providing written comments on the proposed rule for the hard rock mining industry during the public comment period, until March 13.

The proposed rule is available for review online at

<http://go.usa.gov/x9sny>.

Revisions to the Guideline on Air Quality Models

The EPA revised its *Guideline on Air Quality Models*. The Guideline provides recommended models and other techniques, as well as guidance for their use in predicting ambient concentrations of air pollutants.

The EPA's guideline revision will provide states, tribes and private industry with updated air quality models and techniques, modeling procedures, and enhanced technical guidance. These revisions will improve efficiency and accuracy of regulatory modeling applications, increasing certainty in the degree and type of air pollution emission controls necessary to achieve health protective air quality levels.

The final rule was published in the Federal Register on January 17. To view the revised guideline, go to <https://www.epa.gov/scram>.

Traditional Ecological Knowledge in OLEM Activities

Last month the EPA's Office of Land and Emergency Management issued a final memorandum, *Considering Traditional Ecological Knowledge During the Cleanup Process*. The memo provides direction to improve the decision-making process as it relates to site assessment, characterization, and cleanup activities to ensure we are considering TEK when tribes share this information with us. It is OLEM's intention to acknowledge and consider TEK during our cleanup processes should a tribe want the EPA to incorporate it into our assessments and decisions.

OLEM's cleanup programs (including national and regional programs) address contaminated soil, groundwater, surface water, sediments, air, and other environmental media.

These cleanup programs not only protect the health of tribal communities, but also promote beneficial and protective future uses of tribal lands. To obtain a copy of the full memorandum, or if you have questions about it, please contact **Jessica Snyder**

• 202-564-1478 • Snyder.jessica@epa.gov.

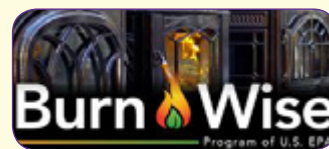
The EPA's Office of Superfund Remediation and Technology Innovation, which is housed within OLEM, has subsequently issued a document which provides recommendations regarding TEK and tribal treaty rights during Superfund cleanup activities. The document, "Consideration of Tribal Treaty Rights and Traditional Ecological Knowledge in the Superfund Remedial Program" is available online at

<https://semspub.epa.gov/work/HQ/500024668.pdf>.

OSRTI has a webpage dedicated to the Superfund Remedial Program in Indian Country. The webpage provides information about working collaboratively with tribes, consultation and coordination with tribes, the Tribal Superfund Working Group and links to other resources and contacts for additional information. To view the webpage, visit <http://go.usa.gov/x9sfa>.

Burn Wise to Burn Better

Whether you're using a woodstove, pellet stove, or fireplace, smoke from your chimney means your fire isn't burning as well as it could. Burn only dry, seasoned wood and start a fire with dry kindling. Never burn plastic, or painted or treated wood which releases toxic chemicals.



Get more tips for safe, efficient, and enjoyable wood burning! For more information on what you can do, go to <http://go.usa.gov/x9sfj>.

VIDEO: For tips how to dry firewood for better burning, go to <http://bit.ly/2kmZyhJ>.

White Paper on Toxicity of Plastics Pollution on Aquatic Species

The EPA published a white paper to identify a state of the science on the toxicological effects of plastics (and their associated chemicals) on aquatic-dependent wildlife and aquatic life.

The paper also identifies opportunities for research to further our understanding of the potential toxic impacts of plastic ingestion throughout the food web. To download the *State of the Science White Paper*, go to <http://go.usa.gov/x9snA>.



U.S. Environmental Protection Agency
Alaska Operations Office

ALASKA NEWS

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Fact Sheet on Disposing Polluted Soil

The Alaska Department of Environmental Conservation's Division of Environmental Health has a fact sheet available on how to properly dispose of polluted soil in Alaska. Disposal of polluted soil can require careful planning and coordination for proper management. Disposal of polluted soil in a landfill requires meeting the requirements outlined in ADEC's solid waste regulations (Title 18, Chapter 60, section 025 of the Alaska Administrative Code 18 AAC 60.025), and effectively communicating with the landfill and ADEC's solid waste program. While polluted soils can be disposed in some landfills – no landfill in Alaska is required to accept polluted soil even if it meets all 18 AAC 60.025 regulatory requirements. Contact the landfill to determine disposal requirements and costs prior to starting a cleanup project. Do not assume landfill disposal is an option without first asking the landfill if they will consider accepting it.

The ADEC solid waste program defines **polluted soil** as: *Soil that is placed into a landfill, that is not a regulated hazardous waste, and that was excavated during a spill response or leaking underground storage tank action or to comply with an approved contaminated site cleanup plan under 18 AAC 75 or 18 AAC 78; or, a residue or other material that is placed into a landfill and that is not a regulated hazardous waste but contains a hazardous substance in a concentration exceeding the applicable soil cleanup levels set out in 18 AAC 75.341, Table B1 or Table B2.*

To view the fact sheet (PDF), go to <http://go.usa.gov/x9sGd>.

CONTACT: **Marty Brewer** • 907-269-1099 • marlena.brewer@alaska.gov

EPA Webinar: Tribal Council Oversight

(only for Alaskan tribes)

March 8, 1:30 – 3:00 p.m. Alaska Time

This EPA Region 10 webinar will be focused on the basics of the GAP grant agreement and its terms and conditions. Attendees will discuss common misconceptions in supervisory roles and responsibilities. Participants will also discuss budget elements such as guidelines for charging special meetings as a grant expense, how to handle council stipends, and travel for council to environmental conferences (justifications and gaining pre-approval in budget, participating in policy level meetings, etc.). The training will also address purchase, inventory, use, and disposition of equipment. Intergovernmental agreements under GAP grants will also be a primary topic of discussion. The target audience are council members who are in their first or second year overseeing a GAP grant for tribes in AK.

To join the webinar, go to <https://epawebconferencing.acms.com/r2nplbx289z>.

To participate in the audio portion of the webinar, please call 1-866-299-3188, and enter conference code 907-271-1272#.

CONTACT: **Molly Vaughan** • 907-271-1215 • vaughan.molly@epa.gov

Santina Gay • gay.santina@epa.gov

Climate Change Adaptation Planning

February 21 – 23, Anchorage, AK

The Alaska Native Tribal Health Consortium and the Institute for Tribal Environmental Professionals are excited to be collaborating on an *Introduction to Climate Change Adaptation Planning* course. This course provides an overview to planning for climate change impacts, highlighting the work of several tribes. The course is intended for tribal environmental and natural resource professionals who expect to be involved in climate change adaptation planning. For more information, go to http://www7.nau.edu/itep/main/Training/training_cc.

CONTACT: **Colleen Davis** • 928-523-6327 • Colleen.Davis@nau.edu

7 Generations Environmental Planning

April 18-20, Anchorage, AK

During this interactive workshop, participants will learn a community-based approach for developing local environmental plans. The training focuses on team building, community involvement, identifying environmental concerns that can impact health, and learning about ways to address local issues. The workshop is for new tribal environmental program staff, tribal environmental committee members, tribal council members and tribal administrators. For more information, go to <http://bit.ly/2iBcTSK>.

CONTACT: **Oxcenia O'Domin** • 907-729-3492 • orodomin@anthc.org

Holly Reimer • 907-729-4043 • holly.reimer@anthc.org



RTOC News



2017 TRIBAL LEADERS SUMMIT

March 29 – 31 • Suquamish, WA

For more information or to register, go to <http://bit.ly/2hlzPAm>.

The summit includes three days of discussions, presentations and storytelling with tribal council members and staff from Region 10. The goal of the summit is to provide tribal council members and staff the opportunity to meet and share environmental concerns from their geographic areas with other tribes in Region 10 and the EPA.

Thank you to those who completed our TLS survey! Topics identified for discussion at the summit will include climate change, resource extraction and solid waste, air and water pollution, government-to-government consultation, Traditional Ecological Knowledge, environmental justice, and media tools for tribal environmental success.

Stay in the Loop!

- We post our meeting minutes within 1 week of a conference call and 2 weeks of an in-person meeting on our website at: <http://rtocregion10.org/meeting-minutes>.
- Follow us on Facebook for the latest news, training and funding opportunities from EPA at: <https://www.facebook.com/Region10RTOC>.
- Submit topics for discussion for our meetings! Go to <http://rtocregion10.org/contact-us>.

Upcoming RTOC Events

NEXT R10 RTOC CONFERENCE CALL: **February 16 • 1:00 P.M. PACIFIC TIME**

NEXT R10 RTOC IN-PERSON MEETING: **March 27 – 28**

Hosted by Port Gamble S'Klallam Tribe, WA

Save the Date!

2018 Tribal Leaders Summit • March 2018

Contact **Randi Madison**, RTOC R10 Communications Specialist at **509-703-4219** if you wish to join our monthly teleconference and/or have environmental topics to raise.

EMAIL: communications@region10rtoc.net • WEB PAGE: <http://rtocregion10.org>



TRIBAL CONSULTATION

The following tribal consultation opportunity may be of interest to tribes in Region 10. A full list of consultation opportunities is available at <https://tcots.epa.gov>.

FY 2018-2019 National Program Manager Guidance

END DATE: **June 30.**

The NPM Guidances provide direction to EPA Regions on where the EPA will focus its work with tribal and state governments to ensure implementation of and compliance with environmental laws and regulations. The NPM Guidances are not budget decision-making documents though they do provide a roadmap for the activities that support the priorities identified in the President's Budget.

The NPM Guidances are developed in three stages:

1. NPMs receive input from tribes and states during the early engagement stage, which is now underway.
2. NPMs prepare draft guidances for review and comment.
3. NPMs issue final NPM Guidances.

CONTACT: **Emily Heller** • 202-564-0000 • heller.emily@epa.gov

Or **Joseph Greenblott** • 202-564-4250 • greenblott.joseph@epa.gov

Grants

National Indoor Environments Program: Reducing Public Exposure to Indoor Pollutants

DUE DATE: **February 17.**

The EPA's Indoor Environments Program focuses on critical aspects of indoor air quality that pose significant risks to public health, particularly to children and other disproportionately affected segments of society.

The program's priorities include, yet are not limited to, radon, indoor environmental asthma triggers, and multiple indoor air contaminants. Examples of projects eligible for funding include those that result in an increase in the number of homes and schools built with radon-reducing features, an increase in the number of home visiting programs providing in-home asthma interventions by licensed providers in disproportionately affected communities, and an increase in the number of homes, schools and office buildings with interventions that reduce exposure to multiple indoor air contaminants.

The EPA expects to make between 10 and 20 awards. The selected indoor environments projects will be funded in the amount of \$2–4 million annually, for up to 3 years (2018–2020). To learn more, go to www.epa.gov/grants/air-grants-and-funding.



WaterSMART Drought Response Program

The U.S. Department of Interior, Bureau of Reclamation's new Drought Response Program supports a proactive approach to drought. It will provide assistance to water users for drought contingency planning, including consideration of climate change information and to take actions that will build long-term resiliency to drought.

Program funding will be allocated through a competitive process. Program areas include contingency planning, resiliency projects, and emergency response actions. Two funding opportunities listed below are now available from the Bureau of Reclamation for entities to develop drought contingency plans and build long-term solutions to drought. To learn more about the Drought Response Program, go to <https://www.usbr.gov/drought>.

Drought Contingency Planning Grants

DUE DATE: February 14.

The objective of this Funding Opportunity Announcement is to invite states, tribes, irrigation districts, water districts, and other organizations in Idaho, Oregon, Washington and other states with water or power delivery authority to leverage their money and resources by cost sharing Drought Contingency Planning with Reclamation to build resilience to drought in advance of a crisis.

Applicants under this FOA may request funding to develop a new drought plan or to update an existing drought plan. Applicants may also request technical assistance from Reclamation for the development of elements of the Drought Contingency Plan.

Through this FOA, Reclamation seeks to support collaborative planning efforts that use a proactive approach to build long-term resiliency to drought. Drought Contingency Plans developed under this program are required to include participation by multiple stakeholders to encourage more comprehensive plans that address issues important to different sectors.

Participation by multiple stakeholders will also broaden support for mitigation and response actions identified in the plans. In addition, Drought Contingency Plans developed under this FOA must include consideration of climate change impacts to water supplies, in order to support long term resiliency to climate change.

For more information, go to <http://go.usa.gov/x9eSJ>.

CONTACT: Rupal Shah • 303-445-2442 • rshah@usbr.gov

Drought Resiliency Projects

DUE DATE: February 14.

Projects carried out through Drought Resiliency Project Grants can increase water management flexibility, making our water supply more resilient. This helps to prepare for and address the impacts of drought and climate change. Proposals submitted under this FOA must demonstrate that the proposed project is supported by an existing drought planning effort. For more information, go to <http://go.usa.gov/x9eh3>.

CONTACT: Matthew Reichert • 303-445-3865 • mreichert@usbr.gov

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S**FY 17 EPA Region 10 Tribal Clean Air Act Grants**

DUE DATE: **March 15.**

*Applications from current grantees due **April 3.***

The EPA anticipates the availability of Clean Air Act grant funding in FY 17 for federally recognized tribes and tribal consortia within Region 10. It is the EPA's policy to work with tribes on a government-to-government basis to enhance environmental protection in Indian Country and tribal communities. The 1990 Clean Air Act Amendments included several provisions authorizing tribal governments to develop federally enforceable programs to manage air quality in Indian Country. While the Tribal Authority Rule (40 CFR 49.1, et seq.) of 1998 created the mechanism for tribes to establish eligibility for "treatment in the same manner as a state" for several portions of the CAA, the EPA continues to have the responsibility to implement the Clean Air Act through Indian Country. The EPA awards financial support and encourages tribes to partner with the EPA to carry out Clean Air Act protections within reservations and tribal communities.

CONTACT: **Mehrdad Khatibi** • 206-553-1603 • khatibi.mehrdad@epa.gov

EPA STAR Grant:**Using a Total Environment Framework to Assess Lifelong Health Effects of Chemical Exposures**

DUE DATE: **March 2.**

Recent research has found that the relationship between chemical pollutants and health effects is influenced by a multitude of external factors. Each person's response is the combined cumulative result of interactions between different aspects of the environments they inhabit and engage with. Health outcomes are impacted by influences such as chemical and non-chemical stressors, the built, natural and social environments, inherent characteristics and policies or programs. The overall purpose of this Request for Applications is to support research that will improve scientific understanding of these interactions and cumulative effects to better protect and promote human health and the environment.

The EPA, through its Science to Achieve Results Research Grants Program, is seeking applications for research investigating how pollution affects human health in the context of the total environment – built, natural and social. Specifically, interdisciplinary research projects are sought that will develop and test innovative methods to assess causal relationships and interactions between all of the major stressors and factors involved in a person's life. Due to the complexity of the total environment research challenges, proposals that integrate diverse fields of disciplines are highly recommended.

This RFA is supported by EPA's Sustainable and Healthy Communities Research Program, which supports the development of science and tools to help communities make better decisions toward sustaining a healthy society and environment. <http://go.usa.gov/x9Ycu>.



Region 10 Wetland Program Development Grants

The EPA's **Wetland Program Development Grants** are designed to assist state, tribal, local government agencies and interstate and intertribal entities in building programs to protect, manage and restore wetlands and other aquatic resources. States, tribes, local governments, interstate associations, and intertribal consortia are eligible to apply for the Regional WPDG. The **Request for Proposals** for this biannual regional competition for 2017-2018 should be announced very soon.

WPDGs provide applicants an opportunity to develop and refine comprehensive state, tribal, and/or local government wetland programs. These programs are meant to:

- Build the capacity of governments to increase the quantity and quality of wetlands in the U.S. by conserving and restoring wetland acreage and improving wetland condition.
- Use one or more of the following EPA Wetland Program "Core Elements" to achieve this goal. Core elements include monitoring and assessment, regulatory activities, voluntary restoration and protection, and water quality standards for wetlands.

With the work of many states and tribes, the EPA has distilled a set of core elements, actions and activities that together comprise a comprehensive wetland program. The EPA has summarized these common core elements, actions and activities in a Core Elements Framework document called *Core Elements of an Effective State and Tribal Wetland Program* available on our website at <http://go.usa.gov/x9sQd>.

Region 10 is pleased to announce creation of a national tribal-only competition. 10% of the total national and regional WPDG funds will be set aside for a national, tribal-only competition (about \$1.3 million per year) for FY17-18.

It is anticipated that this National Tribal Set-Aside WPDG RFP will be released every two years. Only tribes, intertribal consortia, and tribal colleges and universities are eligible to apply for this set-aside. For 2017, the tribal-only RFP will be released approximately 1-2 months after our Regional WPDG RFP (March or April timeframe). The regional WPDG and the Tribal Set-aside RFPs will be very similar in their requirements and selection criteria.

Tribes may apply to both the Regional and the Tribal Set-Aside RFPs with the same (or different) proposals. Both of these grant programs are competitive grants. Grant award amounts for the Regional WPDG RFP are from \$50,000 to \$250,000. Grant awards amounts for the National Tribal Set-Aside RFP are from \$25,000 to \$300,000. There is a 25% match requirement, or 5% if the project will be part of a tribal Performance Partnership Grant (PPG). The typical project period is 2-3 years (though the grants are good for up to 5 years).

Similar to the Regional WPDGs, Tribal Set-Aside projects will be evaluated under two tracks of potential funding.

Track One Tribal Set-Aside, Tribes only

- Develop a Wetland Program Plan and carry out eligible actions from the Wetlands Core Elements Framework.
- Or to carry out eligible actions from an existing WPP.

Track Two: Applicable to tribes AND intertribal consortia, tribal colleges and universities.

- Carry out eligible actions from an existing WPP. Or to carry out actions/activities from the Wetlands Core Element Framework if the applicable tribe(s) don't have an existing WPP.

⇒ *Continued*

⇒ *Continued* **Region 10 Wetland Program Development Grants**

For more information about these opportunities please contact one of the below listed state or program's coordinator:

Regional WPDG Coordinator: **Yvonne Vallette** • 503-326-2716 • vallette.yvonne@epa.gov

Regional/Tribal Set-aside: **Linda Storm** • 206-553-6384 • storm.linda@epa.gov

Alaska **Mark Douglas** • 907-271-1217 • douglas.mark@epa.gov

Idaho **Charissa Bujak** • 208-378-5754 • bujak.charissa@epa.gov

Oregon **Yvonne Vallette** • 503-326-2716 • vallette.yvonne@epa.gov

Washington **Annie Whitley** • 206-553-0058 • whitley.annie@epa.gov

Water Infrastructure Finance and Innovation Act Credit Assistance

DUE: April 10. The **Water Infrastructure Finance and Innovation Act** of 2014 established the WIFIA program, a federal credit program administered by the EPA for eligible water and wastewater infrastructure projects. Eligible borrowers are:

- Local, state, tribal, and federal government entities.
- Partnerships and joint ventures.
- Corporations and trusts.
- Clean Water and Drinking Water State Revolving Fund (SRF) programs.

For more information, visit www.epa.gov/wifia.

Training & Scholarships

Management of Tribal Air Programs & Grants (Level 2)

February 22-24, Phoenix, AZ

This course provides an overview of the administrative and management skills needed to operate a tribal air quality program. It emphasizes small-group work in which groups develop work plans, staffing strategies, and budgets for a hypothetical tribal air program.

This course is designed for environmental professionals who are responsible for managing tribal air programs and grants that have completed ITEP's Introduction to Tribal Air Quality course or have equivalent background or experience.

Topics include: The Clean Air Act and the Tribal Authority Rule, elements in a typical tribal air program, developing a grant work plan, grant management & budgeting, personnel management, working with contractors, participation in the policy process, and funding sources for an air quality program.

CONTACT: Lydia Scheer • 928-523-6887 • Lydia.Scheer@nau.edu

Tribal Air Monitoring Technical Needs Assessment

DUE DATE: March 10.

The Tribal Air Monitoring center was created through a partnership between tribes, the Institute for Tribal Environmental Professionals and the EPA. It is the first technical training center designed specifically to meet the needs of tribes involved in air quality management and offers an array of training and support services. The TAMS Center provides technical training of tribal environmental professionals and technical assistance in obtaining and analyzing air quality data. Training sessions occur at scheduled 3-5 day workshops and on an individual basis. The TAMS center steering committee is conducting a technical needs assessment to better understand air quality technical support needs and priorities of tribes. The results will be shared at the 2017 National Tribal Forum. The link to the questionnaire is available online at: <http://www7.nau.edu/itep/main/tamsNA>.

CONTACT: TAMS Center • 702-784-8278

Air Pollution Technology (TECH) (Level 2)

March 13-17, Flagstaff, AZ

This course provides an overview of the science of air pollution and techniques of air quality management. This is an intensive training course with large-group lectures and discussions, laboratory activities and demonstrations, computer and problem-solving exercises, and small-group work. The pre-requisites or equivalent training/experience for this course are Introduction to Tribal Air Quality and Air Quality Computations.

Topics include: Emissions inventory, basic statistics and data analysis, air pollution meteorology, ambient air sampling and monitoring, basic dispersion modeling, air pollution control technology, air monitoring data management, and internet resources.

CONTACT: Pat Ellsworth • 928-523-6721 • Patricia.Ellsworth@nau.edu

Climate Change Adaptation Planning

March 14-16, Spokane, WA

This ITEP course will provide an introduction to planning for climate change impacts, highlighting the work of several tribes. The course is intended for tribal environmental and natural resource professionals who expect to be involved in climate change adaptation planning. Space is limited, so please be sure to get your application in as soon as possible. ITEP will be paying lodging costs and reimbursing per diem for selected tribal participants. All participants are responsible for their own transportation costs (airfare, taxis, shuttle service, mileage, etc.). For more information, go to <http://www7.nau.edu/itep/main/tcc/Home/Events>.

CONTACT: Colleen Davis • 928-523-6327 • Colleen.Davis@nau.edu

Composting Programs and Tribal Food Sovereignty

March 21-23, Tucson, AZ

This ITEP course is specifically designed for tribes looking to divert food waste from their waste streams (communities or facilities) and/or desire to use compost for growing food or traditional plants. For more information, go to http://www7.nau.edu/itep/main/Training/training_waste.

CONTACT: Julie Jurkowski • 928-523-9404 • Julie.Jurkowski@nau.edu

Fundamentals of Air Monitoring

(For tribes in the lower 48)

April 4-6, Las Vegas, NV

This course will provide tribal environmental professionals with a basic understanding of how to develop and conduct an air monitoring project. This course is designed as an overview and will not include exhaustive detail of each topic. The course will focus on criteria air pollutants, as well as monitoring requirements for those seeking National Ambient Air Quality Standard (NAAQS) designations from their monitoring projects. It will also include information about meteorological monitoring and air toxics. Air monitoring equipment will be available for hands-on activities.

For more information, visit https://www7.nau.edu/itep/main/Training/training_aq_fam.

EPA Tribal Solid Waste Peer Matching Program

The EPA has developed a tribal solid waste management peer matching program. The program aims to strengthen tribal capacity building and develop sustainable waste management programs. The program identifies peer matches for tribes through the use of peer mentors who are working on similar issues to exchange experiences and share practical knowledge with each other.

Peer mentors are tribal environmental personnel who can provide expertise and experience. Mentors volunteer to participate in the program. Please note that the peer matching program does not have funding available to cover any associated costs (i.e. travel to meet with a mentor). However, funding for travel for peer matches may be available through the Indian Environmental General Assistance Program or other programs. For details, click on the fact sheet link at <http://go.usa.gov/xDwz4>.

CONTACT: **Tonya Hawkins** • 703-308-8278 • Hawkins.tonya@epa.gov

HUD Office of Native American Programs Technical Assistance

The Department of Housing and Urban Development's Office of Native American Programs is embarking on an innovative and responsive process of delivering technical assistance and training to tribes and Tribally Designated Housing Entities grantees. As in the past years, tribes and TDHE's will formally request training and technical assistance on a particular need through their respective ONAP Area Office. The ONAP Area Office will coordinate the requested need with a technical assistance provider from a list of selected grantees. For more information, please contact your area ONAP Office.

In **Alaska**, call 907-677-9836.

In **Idaho, Oregon and Washington**, call 206-220-5270.



Climate Change

Smart Growth Fixes for Climate Adaptation and Resilience

The EPA's publication, *Smart Growth Fixes for Climate Adaptation and Resilience: Changing Land Use and Building Codes to Prepare for Climate Change*, can help local governments find strategies to prepare for climate change impacts while achieving other environmental, economic, health, and social benefits.

The document outlines more than 70 policies local government officials, staff, and boards can consider to help adapt to current or projected flooding and extreme precipitation, sea level rise and storm surge, extreme heat, drought, and wildfire. These policies range from modest adjustments to wholesale changes, giving communities a range of options to consider depending on their needs and context.

The publication includes examples of communities implementing these policies, resources for more information, and metrics that communities could use taken from three community-scale sustainability rating systems.

Access the publication online at <http://go.usa.gov/x9s6d>.

Climate Smart Brownfields Manual

The EPA's Office of Brownfields and Land Revitalization has a document for communities and brownfield stakeholders that considers climate mitigation and resiliency when assessing, cleaning up, and redeveloping brownfield properties. This manual is a resource for communities that want to consider climate change as they assess, clean up, or redevelop brownfield sites.

It provides guidance on best practices for climate change mitigation, adaption, and resilience at all stages of brownfields work, from planning to redevelopment. In addition, the manual contains case studies and links to additional resources that communities can use as they develop brownfields project plans. The *Climate Smart Brownfields Manual* is available online at www.epa.gov/land-revitalization/climate-smart-brownfields-manual.

Building Tribal Capacity for Climate Change Vulnerability Assessment

The *Building Tribal Capacity for Vulnerability Assessment Project* at the University of Washington's Climate Impacts Group seeks to support Northwest and Great Basin tribes in their efforts to assess climate risks to tribal priorities. Preparing for and responding to the impacts of climate change will be critical to the future well-being of tribal communities. Recognizing this, federal, academic, and tribal institutions have increased efforts to promote the capacity of tribes to manage climate change risks. However, many tribes continue to experience difficulty initiating and completing the critical first step of the adaptation planning process: a climate change vulnerability assessment. This survey will help inform the types of guidance, information, and resources provided by the project. If you live in Idaho, Oregon, or Washington please consider taking the online survey at <http://bit.ly/2kLW1Ka>.

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Climate Change and Indigenous Peoples: A Synthesis of Current Impacts and Experiences

A growing body of literature examines the vulnerability, risk, resilience, and adaptation of indigenous peoples to climate change. This synthesis of literature brings together research pertaining to the impacts of climate change on sovereignty, culture, health, and economies that are currently being experienced by Alaska Native and American Indian tribes and other indigenous communities in the United States. The knowledge and science of how climate change impacts are affecting indigenous peoples contributes to the development of policies, plans, and programs for adapting to climate change and reducing greenhouse gas emissions.

This report defines and describes the key frameworks that inform indigenous understandings of climate change impacts and pathways for adaptation and mitigation, namely, tribal sovereignty and self-determination, culture and cultural identity, and indigenous community health indicators. It also provides a comprehensive synthesis of climate knowledge, science, and strategies that indigenous communities are exploring, as well as an understanding of the gaps in research on these issues.

This literature synthesis is intended to make a contribution to future efforts such as the 4th National Climate Assessment, while serving as a resource for future research, tribal and agency climate initiatives, and policy development.

To view the report, go to <https://www.treeseearch.fs.fed.us/pubs/53156>.

CALENDAR/EVENTS

February

- 6 – 10** **Alaska Forum on the Environment.** Anchorage, AK.
For information, go to <http://www.akforum.org>
- 7 – 10** **Indoor Air Quality Diagnostic Tools (a Level 2 Course for Tribes in the Lower 48).** Las Vegas, NV. **Pat Ellsworth** • 928-523-6721 • Patricia.Ellsworth@nau.edu
- 16** **RTOC Conference Call.** 1:00 p.m. Pacific Time. Contact **Randi Madison** 509-703-4219 • communications@region10rtoc.net
- 21 – 23** **Climate Change Adaptation Planning.** Anchorage, AK. For more information, go to http://www7.nau.edu/itep/main/Training/training_cc
Colleen Davis • 928-523-6327 • Colleen.Davis@nau.edu
- 22 – 24** **Management of Tribal Air Programs & Grants (Level 2).** Phoenix, AZ.
Lydia Scheer • 928-523-6887 • Lydia.Scheer@nau.edu
- 28 – Mar 1** **Tribal Exchange Network Conference.** Alpine, CA. <http://bit.ly/2kkbr8D>

March

- 7** **Alaska Tribal Air Quality Workgroup Teleconference.** 11:00 a.m. – 12:30 p.m. Pacific Time. To join call 1-800-832-0736 and enter *6298822#.
Mary Mullan • 907-729-3430 • mjmullan@anthc.org
- 7 – 9** **Rural Alaska Landfill Operator.** Anchorage, AK. •
For details, go to <http://bit.ly/2ic8Xox>

Calendar / Events

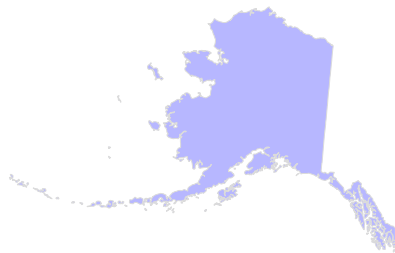
March ➡ Continued

- 8** **EPA Region 10 Webinar: Tribal Council Oversight of GAP Agreements** (only for tribes in Alaska). **1:30 – 3:00 p.m. Alaska Time.** To join the webinar, go to <http://epawebconferencing.acms.com/r2nplbx289z>. To participate in the audio portion of the webinar, please call 1-866-299-3188, and enter conference code 907-271-1272. Contact **Molly Vaughan** • 907-271-1215 • vaughan.molly@epa.gov or **Santina Gay** • gay.santina@epa.gov
- 8 – 10** **National Environmental Justice Conference and Training Program**, Washington, D.C.
For information, go to <http://thenejc.org>
- 13 – 17** **Air Pollution Technology (TECH) (Level 2)**. Flagstaff, AZ.
Contact **Pat Ellsworth** • 928-523-6721 • Patricia.Ellsworth@nau.edu
- 14 – 16** **Climate Change Adaptation Planning**. Spokane, WA. **Colleen Davis** • 928-523-6327
• Colleen.Davis@nau.edu • <http://www7.nau.edu/itep/main/tcc/Home/Events>
- 21 – 23** **Composting Programs and Tribal Food Sovereignty**. Tucson, AZ.
Julie Jurkowski • 928-523-9404 • Julie.Jurkowski@nau.edu
For information, go to http://www7.nau.edu/itep/main/Training/training_waste
- 29 – 31** **Tribal Environmental Leaders Summit**, Suquamish, WA.
For details, go to <http://bit.ly/2hlzPAm>

April

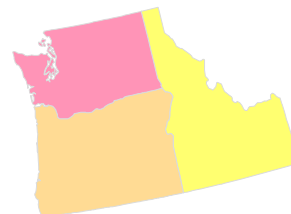
- 4 – 6** **Fundamentals of Air Monitoring**. TAMS Center, Las Vegas, NV. • http://www7.nau.edu/itep/main/Training/training_aq_fam
- 11 – 13** **Rural Alaska Landfill Operator**, Anchorage, AK. •
For information, go to <http://bit.ly/2ic8Xox>
- 18 – 20** **7 Generations Environmental Planning**. • <http://bit.ly/2iBcTSK>
Oxenia O'Domin • 907-729-3492 • orodomin@anthc.org or
Holly Reimer • 907-729-4043 • holly.reimer@anthc.org





Region 10 Tribal Newsletter

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United States
Environmental Protection
Agency

REGION 10 TRIBAL PROGRAM

1200 Sixth Avenue, Suite 900, RAD-202
Seattle, WA 98101-3140

Got News?

The Region 10 Tribal Newsletter invites you, our readers, to submit ideas and articles for consideration and to share your successes and challenges. Photographs are also welcome as separate files in jpeg or other graphic format. Please submit articles and pictures to:

Don Creek

EPA, 805 SW Broadway, Suite 500
Portland, Oregon 97205
503-326-5015

✉ email creek.don@epa.gov

Helpful Links

R10 Tribal Programs:

<http://go.usa.gov/xkdMv>

EPA on Facebook:

<https://www.facebook.com/EPARegion10>

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Westley Foster, Tribal Coordinator 206-553-1604
Alan Moomaw, Tribal Coordinator 360-753-8071

REPORT SPILLS AND ACCIDENTS

NOTE THESE EMERGENCY NUMBERS TO CALL IN THE EVENT
OF HAZARDOUS MATERIAL SPILLS OR ACCIDENTS:

ALASKA 800-478-9300
IDAHO 800-632-8000
OREGON 800-452-0311
WASHINGTON..... 800-258-5990
NATIONAL (EPA) 800-424-8802



To report environmental violation
tips and Complaints to the EPA:

www.epa.gov/tips.