

2019 National Tribal Forum on Air Quality – Agenda

May 6-9, 2019

Held at the Pechanga Resort & Casino, Temecula, CA

Monday, May 6, 2019 (OPTIONAL)		
7:30 am-5:30 pm	Registration and Coffee	
9:00 am-5:00 pm	<p>Optional Session #1: Introduction to R for Environmental Data Analysis <i>“R” is a free (open source) data analysis tool that can easily handle large data files generated from sensors & other continuous monitors, especially bulky files of minute or five-minute data that cannot be handled using MS Excel. Along with an intuitive user interface, R is well-supported by a helpful online user community. The TAMS Center has worked with the Minnesota Air Pollution Control Agency to prepare a one-day introduction to this free software, complete with example data & fun exercises. Attendees are required to bring their own laptops & data files. Pre-registration is REQUIRED in order to receive the complete course preparation instructions, including how to download the program & its user interface, RStudio.</i> Moderated by: Melinda Ronca-Battista, ITEP Presented by: Melinda Ronca-Battista, ITEP; Vallen Cook, Grand Portage Tribe; Dorian Kvale & Kristie Ellickson, Minnesota Pollution Control Agency</p>	Red-Tailed Hawk
9:00 am-5:00 pm	<p>Optional Session #2: Drones 101 for Air Quality <i>Presentations & information on purchasing a drone with air quality sensors attached will be available. We have partnered with drone schools to get information on training & certifications & have requested & received a tribal discount. Come to this session to learn more!</i> Presented by: Angela Benedict, Saint Regis Mohawk Tribe; Jessica Lewis, Mississippi Band of Choctaw</p>	Cottonwood
12:00pm-1:00 pm	<p>Optional Tour: Pechanga Recycling and Co-Generation Plant <i>A walking tour of Pechanga’s sustainability initiatives & programs will be lead by the Pechanga Resort & Casino’s new Sustainability Manager. Learn about the challenges of implementing sustainability initiatives on a large-scale tribal commercial property while touring the Pechanga co-generation plant, waste collection & recycling facilities, & other unique features. Along with a recent expansion of commercial activities & properties, Pechanga is increasing its commitment to sustainability through improved environmental, economic, & social programs. This tour is a great opportunity to learn about the planning & initiation of an enhanced sustainability program that is scalable for larger operations. It is recommended that attendees use the ear protection provided at the facility; closed-toe shoes required. Maximum 15 people per tour; sign-up at the NTFAQ Registration Table.</i> Presented by: Pechanga Sustainability Program Staff</p>	Meet in hotel lobby
12:00pm-1:00 pm	<p>Optional Tour: Pechanga Great Oak <i>Visit the Great Oak, a cultural treasure & natural wonder, on a guided tour led by the Pechanga Cultural Department staff. The tour will inform you about the importance of the Great Oak, a nearly 2,000 year old coast live oak. To protect the oak root system & the leaf litter, please no high-heeled shoes! Maximum 20 people per tour; sign-up at the NTFAQ Registration Table.</i> Presented by: Pechanga Cultural Department Staff</p>	Meet in hotel lobby
1:00 pm-5:00 pm	<p>Optional Session #3: CAA Grants and TAS for Air Quality <i>During this interactive session participants will delve into the process of applying, managing & reporting on Section 103 & 105 grants. The goal is to better understand nuanced world of EPA grant programs & how to optimize opportunities for funding. See examples of successful work plans & reports & discuss how to better prepare for responding to Requests for Proposals/Applications (RFPs/RFAs), directly from the people who write, review, & train on these important grants. Input from tribal staff is encouraged to help ensure cultural sensitivity & EPA</i></p>	Fox

	<p>consistency in grants management. Polite interruptions are not only allowed, but encouraged. The session addresses issues such as region-to region-variabilities in timing & approaches to grants. This course is for new & experienced tribal staff alike & benefits EPA staff as well. The second portion of this session will focus on basic elements of the Treatment as a State (TAS) application process & the tools & resources that are available to tribes. In this interactive session you will be able to talk about your tribe's interest in TAS & receive feedback on any issues you may have encountered.</p> <p>Moderated by: Pat Childers, US EPA Presented by: Monika Lacka, Avi Lapp, & James Payne, US EPA; Frank Spurgeon, La Jolla Band of Indians; Julie Simpson, Nez Perce Tribe</p>	
1:00 pm-5:00 pm	<p>Optional Vendor-sponsored Session: DR-DAS Topics include: Envivas Ultimate Digital Data System; Envista Air Resources Manager (ARM) Central Data Management & Reporting System; XML Reporter user training for AQS reporting using the EPA Exchange Node; Integration of indoor or outdoor sensor monitoring data with regulatory measurements & how to access the cloud APIs that host sensor data; Making the most of your data to enhance community awareness of environmental conditions & personal actions that can improve these conditions; Q & A session. Presented by: Andrew Montz, DR DAS</p>	Rabbit
1:00 pm-5:00 pm	<p>Optional Vendor-sponsored Session: Agile Topics include: Updates to AirVision; Basic overview session for new users focusing on daily activities; Q & A session. Presented by: Steve Drevik, Agile</p>	Bear
2:00 pm-4:00 pm	<p>Optional Vendor-sponsored Session: Ambilabs Topics include: Planning, Setup, & Operations of the latest "next generation" technologies for PM2.5, PM10, O3, NO, NO2, CO, SO2, VOC's, & meteorological. Additional options such as H2S, CO2, BTEX, & noise also will be covered. Presented by: Kyle Hunt, Ambilabs</p>	Elderberry
Optional evening activities:		
5:00-6:00 pm	<p>Pechanga Air Monitoring Station Tour Pechanga air station collects EPA regulatory data on ozone & also samples for PM 2.5 & NOx. The Pechanga Tribe maintains one of two tribal separate air quality planning areas in the state of California. This tour includes both equipment, data collection & a display demonstration featuring the Pechanga air station's new website. This website was designed to disseminate data to the tribal community & inform emergency alerts for bad air quality days. Pechanga air technician, David Newman & a data specialist from DR DAS will be available to answer your questions. Maximum 15 spots; sign-up at the NTFAQ Registration Table. Presented by: David Newman, Pechanga Band of Luiseno Indians</p>	Meet in hotel lobby
5:00-8:00 pm	<p>Santa Margarita Ecological Reserve SOLAR Project Tour The Santa Margarita Ecological Reserve SOLAR project is a research project dedicated to determining the best methods for combining solar power generation with native habitat restoration. The project removed 15 acres of non-native, invasive, eucalyptus trees (that were also considered a safety & fire hazard) & will be working on the restoration of native coastal sage scrub habitat & the installation of 11 coast live oak trees. The research project also uses different types of solar panel installation designed to minimize impacts to the soils (e.g. with smaller footings) & follows the contours of the landscape to avoid grading & other negative environmental impacts associated with "green energy" development. Tour will be led by Dr. Matt Rahn, project lead & City Councilman for the City of Temecula. Transportation limited to 20 people; sign-up at the NTFAQ Registration Table. You will</p>	Meet in hotel lobby

	<p>be required to sign a San Diego State University waiver, which you will receive on the shuttle to complete before participating in the tour Presented by: Dr. Matt Rahn, Temecula City Council</p>	
	Tuesday May 7, 2019 (Day One)	
8:00 am-5:30 pm	Registration	Summit Ballroom Foyer
8:00 am-5:30 pm	Exhibits	Summit Ballroom
8:00 am-9:00 am	<p>Continental Breakfast <i>Enjoy light refreshments while browsing the exhibits.</i></p>	Summit Ballroom
9:00 am-10:30 am	<p>Opening Plenary Session and Welcome <i>The Forum opens with the raising of the flags, accompanied by bird singers & an invocation. Welcoming remarks will be offered by conference co-hosts.</i> Moderated by: Ann Marie Chischilly, ITEP Presented by: Ann Marie Chischilly, ITEP; Wilfred Nabahe, Colorado River Indian Tribes & NTAA Chair; Camille Quickbear, Sisseton Wahpeton Oyate & TAMS Chair; Debbie Jordan, US EPA Region 9 (invited); Kelcey Stricker, Pechanga Band of Luiseno Indians</p>	Summit Ballroom
10:30 am-11:00 am	Keynote Speaker	Summit Ballroom
11:00 am- 1:00 pm	Lunch (on your own)	
11:00 am- 11:30 am	<p>NTAA Meeting Registration <i>On-site registration for the NTAA Annual Member's meeting; see the NTAA table in the Foyer for more information on membership.</i></p>	Eagle's View Ballroom
11:30 am-1:00 pm	<p>NTAA Member Meeting and Luncheon (optional) <i>All NTAA Principal Member Tribes are encouraged to participate in the NTAA Working Lunch & provide input on important policy issues impacting tribal governments & air quality programs.</i></p>	Eagle's View Ballroom
12:00pm-1:00 pm	<p>Optional Tour: Pechanga Great Oak <i>Visit the Great Oak, a cultural treasure & natural wonder, on a guided tour led by the Pechanga Cultural Department staff. The tour will inform you about the importance of the Great Oak, a nearly 2,000 year old coast live oak. To protect the oak root system & the leaf litter, please no high-heeled shoes! Maximum 20 people per tour; sign-up at the NTFAQ Registration Table.</i> Presented by: Pechanga Cultural Department</p>	Meet in hotel lobby
1:00 pm- 1:15 pm	Transition Break	
1:15 pm-2:30 pm	<p>Networking Clubhouse <i>Discover the power of networking! Meet & interact with other attendees interested in similar issues as yourself. This unique session was created by tribal professionals to help start conversations & make connections between attendees in a casual setting so that everyone walks away with new relationships & fresh ideas. This is a dynamic, interactive networking opportunity that introduces attendees to each other, aligning similar interests & concerns, & engaging both new & experienced professionals. Be sure to leave your contact information with others so you can connect after the Forum is over too!</i> Moderated by: Andy Bessler, ITEP</p>	Summit Ballroom
2:30 pm-3:00 pm	<p>Networking Break <i>Keep the conversations going, but don't be late for the afternoon breakouts!</i></p>	
3:00 pm-4:30 pm	<p>BREAKOUT #1: Air Quality Policy and Regulation Moderated by: Monika Lacka, US EPA Region 5</p>	Fox

	<p>Section 103 / 105 Grants and Treatment in a Similar Manner as a State (TAS) <i>In this presentation we will delve into the process on Section 103 & 105 grants & TAS. The goal is to better understand the nuanced world of STAG grant programs & how to optimize opportunities for funding. This session is for new & experienced tribal staff alike & benefits EPA staff as well.</i> Presented by: James Payne, US EPA</p>	
	<p>Tribal Perspective: Quapaw Nation's Treatment as a State (or Sovereign) Application to EPA and Lessons Learned <i>This presentation will provide a tribal perspective on the process for non-regulatory TAS application & implementation, including what has worked, what hasn't, & current efforts to streamline the process.</i> Presented by: Craig Kreman, Quapaw Nation</p>	
	<p>Tribal Perspective: Pechanga Band's 105 Grant Program <i>This presentation will provide an overview of Pechanga's 105 grant program, which has been in place for the last three years & will provide a tribal perspective on the benefits & differences between 105 & 103 grant programs.</i> Presented by: Kelcey Stricker, Pechanga Band of Luiseño Mission Indians</p>	
	<p>Class I Redesignation <i>This session will discuss the Class I redesignations process & where to find the guidance.</i> Presented by: Laura McKelvey, US EPA</p>	
	<p>Tribal Perspective: Benefits of a Class I Redesignation <i>This presentation will describe what a class one designation is & what it is not. It will give examples of the benefits to be gained as well as cautions to be aware of. It will help tribes decide if a class one redesignation is right for them.</i> Presented by: Joe Cebe, Forest County Potawatomi</p>	
3:00 pm-4:30 pm	<p>BREAKOUT #2: Ambient Air Quality Moderated by: Chris Lee, ITEP/TAMS & Farshid Farsi, EPA/TAMS</p>	Red-tailed Hawk
	<p>Regional Haze: Methods, Metrics, and Regulation <i>This presentation will provide an overview of the science & processes involved in regulating Regional Haze, & also provide demonstrations & summaries of recent tribal data-oriented projects conducted for the Western region of the US. Gain an understanding of how pollution impacts to visibility are determined & regulated, & potential effects of regulatory actions on tribal Lands.</i> Presented by: Emma Ruppell, Bishop Paiute Tribe</p>	
	<p>Tribal Case Study: Solution to Road Dust Problem is Life Changing for NWT Community <i>This presentation will share a case study of the road dust issue experienced by the community of Deline in the NWT of Canada. Asthma & respiratory problems, potholes & vehicle damage, & dusty, filthy windows & homes were among the many complaints the community leaders were receiving. The Deline Case study will touch on the Problem, what they found through their research, the solution, & the ongoing results of the steps taken. As will be shown it has had a life changing effect on the community. A key member of the Deline Community council who was involved in finding a solution to their dust problem will attend NTFAQ to discuss the community's experience.</i> Presented by: Freda Taniton, Deline First Nation; John Burnett, Midwest Industrial</p>	
3:00 pm-4:30 pm	<p>BREAKOUT #3: Indoor Air Quality Moderated by: Chris Griffin, US EPA</p>	Cottonwood
	<p>Policies on Healthy Homes <i>This discussion will be a dialogue on why building green healthy homes are a step in the right direction for tribal communities & how the simplest modifications can go a long way, and share ideas on how to create policies for building green healthy homes in tribal communities.</i> Presented by: Angela Benedict, Saint Regis Mohawk Tribe</p>	

	<p>IAQ Policies – Prevention and Remediation of Mold This presentation will explore policy solutions to the prevention & remediation of mold in tribal housing. Model policies from housing authorities, local governments & tribes will be highlighted, building & construction codes that prevent or address water damage will be covered, as well as maintenance policies, tenant protection policies, & tenant responsibility policies. Presented by: Gillian Gawne-Mittelstaedt, Tribal Healthy Homes Network</p>	
	<p>EPA Indoor Environments Division Listening Session EPA's Indoor Environments Division (IED) wants to continue a dialogue on how to gain valuable feedback on what is, are & could be the "most" useful to tribes & tribes communities regarding indoor air quality related offerings - like consumer publications, products, web-information, etc - that EPA/IED could play a role in assistance. Attend this session to help EPA answer questions seeking tribal input on IAQ tools and resources that are relevant to tribes. Presented by: Chris Griffin, US EPA; Steve Decina, AAAS Fellow</p>	
	<p>Tribal Green Building Tools to Improve IAQ and More Learn about "quick-win" opportunities as well as standards & tribal building codes & approaches being used by tribes to improve tribal indoor air quality & environmental protection. The session will feature information on the EPA Tribal Green Building Toolkit, which was developed with tribes to support tribal interests in green building, & affordable housing priorities. Presented by: Timonie Hood, US EPA</p>	
3:00 pm-4:30 pm	<p>BREAKOUT #4: Climate Change Moderated by: Nikki Cooley, ITEP</p>	Rabbit
	<p>Yurok Tribe's Climate Adaptation Plan This session will discuss how the Yurok Tribe Environmental Program (YTEP) developed their Climate Change Adaptation Plan for Water & Aquatic Resources. YTEP partnered with the Institute for Tribal Environmental Professionals (ITEP), Adaptation International, & the Alaskan Native Tribal Health Consortium (ANTHC) to make a community driven adaptation plan focused on health & resilience. A major goal is to identify strategies for Yurok lifeways, culture, & health to continue & grow. For Yurok, health does not just entail the absence of illness or injury. It is a much broader concept that includes spiritual & emotional as well as physical health. Presented by: Joe Hostler, Yurok Tribe</p>	
	<p>Intentions into Actions: Motivating Positive Change This presentation will provide an overview of theories, strategies, & techniques that can be used to motivate people to follow through on their intentions to making positive behavioral changes, especially as they are related to climate change & the environment. Presented by: Shasta Gaughen, Pala Tribe</p>	
	<p>Solastalgia: An Emerging Concept of How We Feel about Climate Change This presentation will cover the emerging field of solastalgia, which describes a form of mental or existential distress caused by environmental change. In many cases this is in reference to global climate change, but more localized events such floods, drought or loss of land and wildlife can cause solastalgia as well. Presented by: Phil DeFoe, Fond du Lac Band of Lake Superior Chippewa</p>	
	<p>Optional evening activities:</p>	Sign-up at the NTFAQ Registration Table
5:00-6:00 pm	<p>Pechanga Air Monitoring Station Tour Pechanga air station collects EPA regulatory data on ozone & also samples for PM 2.5 & NOx. The Pechanga Tribe maintains one of two tribal separate air quality planning areas in the state of California. This tour includes</p>	Meet in hotel lobby

	<p>both equipment, data collection & a display demonstration featuring the Pechanga air station's new website. This website was designed to disseminate data to the tribal community & inform emergency alerts for bad air quality days. Pechanga air technician, David Newman & a data specialist from DR DAS will be available to answer your questions. Maximum 15 spots; sign-up at the NTFAQ Registration Table. Presented by: David Newman, Pechanga Band of Luiseno Indians</p>	
7:00 - 8:00 pm	<p>Screening of the film "Pu'éska," a documentary film on saving Pu'éska Mountain Join us for a 30minute long documentary highlighting the history and significance of Pu'éska Mountain, and the Pechanga Band of Luiseño Indians efforts to protect one of their most sacred sites. Popcorn and drinks will be provided!</p>	Summit Ballroom
Wednesday, May 8, 2019 (Day Two)		
7:30 am-5:30 pm	Registration	Summit Ballroom Foyer
7:30 am-5:30 pm	Exhibits	Summit Ballroom
7:30 am-8:30 am	<p>Continental Breakfast <i>Enjoy light refreshments while browsing the exhibits.</i></p>	Summit Ballroom
8:30 am-9:30 am	<p>Plenary Session: Health Impacts from Air Quality Moderated by: Lauren Maghran, US EPA</p>	Summit Ballroom
	<p>Sick Homes: Health Impacts from Meth Use in Tribal Homes <i>Methamphetamine (meth) use & production is a growing concern in Indian Country & within tribal housing. Once meth has been used or made in a home, it is there forever unless professionally removed. Meth impacts the pulmonary systems if inhaled primarily affecting children & elderly if meth has been produced or used in a house. Mr. Thorne will discuss his work in tribal communities cleaning over 800 homes & share what he has seen before & after his work.</i> Presented by: Kameron Thorne, Apple Environmental Inc.</p>	
	<p>Health Impacts of Oil and Gas Development on Tribal Lands <i>What are the expected health impacts of oil & gas development in the Navajo Nation's eastern area. Attendees will hear about the results of a community-driven Health Impact Assessment (HIA) which includes a "Diné Centered Research methodology" component.</i> Presented by: Mario Atencio, Navajo Nation Community Member</p>	
9:30 am-10:00 am	Networking Break	
10:00 am-12:30 pm	<p>Eco-Café Exhibit Session and Working Lunch (provided) <i>A one-on-one interactive outreach session where participants can network, exchange ideas, & get additional information & resources from a variety of exhibits. Lunch will be provided to all Eco-Café participants & presenters/exhibitors.</i></p>	Summit Ballroom
12:30 pm-1:00 pm	Networking Break	
1:00 pm-2:30 pm	<p>BREAKOUT #1: Air Quality Policy and Regulation Moderated by: Ken Israels, US EPA</p>	Fox
	<p>Permit Streamlining Guidance <i>This session will provide an overview of EPA's recent permit streamlining actions (ambient air, once in always in, etc.)</i> Presented by: Laura McKelvey, US EPA</p>	
	<p>Regional Haze Overview <i>This session will present the current status of the Regional Haze rules.</i> Presented by: Laura McKelvey, US EPA</p>	

	<p>Tribal Perspective: Regional Haze and the WRAP This session will talk about Regional Haze & the Western Regional Air Partnership (WRAP) from the perspective of one Tribe's interests & involvement. The Confederated Salish & Kootenai tribal interest in Regional Haze dates from the Grand Canyon Visibility Transport Commission to the present under the WRAP. Some of the benefits of participation will be discussed including the Tribal Data Workgroup & the tribal set aside in the Market Trading Forum. Presented by: Randy Ashley, Confederated Salish & Kootenai Tribes</p>	
	<p>Status of Power Plant Rules This session will provide an overview of the current proposals for power plant rules & what's next. Presented by: Laura McKelvey, US EPA</p>	
	<p>Tribal Perspective: EPA Power Plant Rules This session will provide updated information on the status of power plant rules that have impacted the sources on the Navajo Nation. Updates will be provided as to the status of how the MATS, ACE & 111b impact power plants on the Navajo Nation & how the Nation's regulatory infrastructure will incorporate the rules. Presented by: Eugenia Quintana, Navajo Nation</p>	
	<p>Cost-Benefit Analysis Changes/Revised Approaches This session will provide a brief discussion of the changes in the approach for cost-benefit analysis for the residual risk & technology reviews. Presented by: Laura McKelvey, US EPA</p>	
1:00 pm-2:30 pm	<p>BREAKOUT #2: Ambient Air Quality Moderated by: Chris Lee, ITEP/TAMS & Farshid Farsi, EPA/TAMS</p>	Red-tailed Hawk
	<p>Tribal Case Study: Equipment Comparison of API T640 vs. Met One BAM 1022/BAM 1020 This presentation will discuss the outcomes of a special study comparing advanced air monitoring sensors to Federal Equivalency Method air monitoring equipment deployed by the Quapaw Tribe. Presented by: Craig Kreman, Quapaw Tribe</p>	
	<p>Air Quality Sensors: EPA Update As air sensor technology advances, smaller & lower-cost air quality monitors have emerged, creating exciting opportunities for a range of uses beyond traditional regulatory monitoring. Citizens can use these sensors to collect air quality data in their communities, compare results with existing regulatory monitoring data, or obtain personal exposure information. This presentation will provide an overview of air sensor technology & lessons learned from collaborative projects between EPA & community partners. Topics covered will include different types of sensors, successful study design, collecting quality data/quality assurance, collocating sensors with reference monitors & tools available on EPA's Air Sensor Toolbox web page. Presented by: Amanda Kaufman, US EPA OAQPS</p>	
	<p>Engage, Educate and Empower California Communities on the Use and Applications of Low-cost Air Monitoring Sensors: Overview of PM2.5 sensor data collected during the wildfires of 2018. Through an EPA STAR grant, 400 low-cost particulate matter sensors & 100 multi-pollutant sensor devices have been deployed across 14 California communities. This presentation will provide an overview of the results from the preliminary analysis of the sensor data, & lessons learned from working with the project participants. While the accuracy of the data collected through our sensor networks varied, these networks were able to capture the spatial & temporal variability of PM2.5 emission from wildfires during the 2018 wildfire season. Examples of sensor data will be examined through the lens of this single source illustrating the usefulness of highly localized data for community residents. This data also provides the unique opportunity to examine sensor performance before, during, and, after exposure to wildfire emissions. All of this information on how to support community</p>	

	<p>participants & how to best collect & interpret sensor data will be incorporated in to the Sensor Educational Toolkit intended to support future community-based air quality sensor projects.</p> <p>Presented by: Andrea Polidori, South Coast Air Quality Management District</p>	
1:00 pm-2:30 pm	<p>BREAKOUT #3: Indoor Air Quality Moderated by: Julaire Scott, ITEP</p>	Cottonwood
	<p>Sick Homes and Communities: Impacts from Meth Use in Tribal Homes Methamphetamine (meth) use & production is a growing concern in Indian Country & within tribal housing. Meth use impacts homes & communities in a variety of ways including social, cultural, health, legal, & financial. Meth is extremely addictive, trapping our youth, while destroying families & communities. This session will discuss the importance of eliminating meth from your community & how to recognize signs of meth use; how to test for meth contamination; & how to plan meth clean-up activities. The session will include demonstrations of meth testing. Presented by: Kameron Thorne, Apple Environmental Inc.</p>	
1:00 pm-2:30 pm	<p>BREAKOUT #4: Climate Change Moderated by: Nikki Cooley, ITEP</p>	Rabbit
	<p>Climate Change "Duh Me!" Test This presentation will provide attendees with a new method for outreach using slide shows or poster boards for climate change & which could be modified to support other environmental topics as well. The interactive game provides factual information in which participants increase comprehension in a lighthearted way. The "Duh Me! Test" is played in the form of multiple choice / true or false questions, when an answer is incorrect, the participants will be required to say "Duh Me!" Presented by: John Parada, Augustine Band of Cahuilla Indians</p>	
	<p>Climate Kids - Tribes Climate change impacts tribal communities in a variety of different ways including drought, water availability, & heat events which affect food security, public health, & natural resources with social, cultural, & biological significance. Tribal members & tribal environmental professionals working with the Climate Science Alliance expressed the need for science-based education & outreach to increase community engagement on these issues. In response, the Alliance partnered with the Pala Band of Mission Indians to launch the Climate Kids tribal youth engagement program in early 2016. Climate Kids - Tribes is a collaborative partnership with local tribal nations across the southwestern United States. We bring our activities & curriculum to tribal earth day events, youth field trips, school programs, & community events. During this interactive & hands-on Climate Kids - Tribes training session, participants will come away with lessons on how to effectively deliver climate messaging & activities, as well as access a network of resources that supports dynamic climate engagement efforts. Presented by: Amber Piris & Alex Warneke, Climate Science Alliance</p>	
2:30 pm-3:00 pm	Networking Break	
3:00 pm-4:30 pm	<p>BREAKOUT #1: Air Quality Policy and Regulation Moderated by: Craig Kreman, Quapaw Tribe</p>	Fox
	<p>National Rules and Program Overview During this session, EPA will provide a brief overview of two national mobile source rules: the Cleaner Trucks Initiative (CTI), announced in November 2018, & the Safer Affordable Fuel Efficient (SAFE) Vehicles Proposed Rule for Model Years 2021-2026, proposed in August 2018. The NTAA Executive Committee Chair will provide a brief overview & update of tribal implementation or consideration of mobile source programs such as Minor NSR Program for new & modified gasoline dispensing facilities located in Indian Country within the State of California, 2018 Unified Agenda of Regulatory & Deregulatory Actions, & consideration of tribes adopting CAA standards under Section 177 of CAA 42 U.S.C. §7507. Presented by: Sarah Sullivant, US EPA & Wilfred Nabahe, NTAA</p>	

	<p>Diesel Emissions Reduction Act (DERA)/Volkswagen Settlement <i>During this session, EPA will provide an overview of the DERA Program & grant requirements, discuss eligible entities, vehicles, equipment, & technology, as well as discuss how it ties into the modified VW Settlement Agreement, including DERA grant requirements vs. requirements of the VW Settlement trustee. ITEP staff will present a brief overview of the VW Settlement Environmental Mitigation Tribal Trust, focusing on the types of projects eligible to be funded under the program. Additional topics touched upon will include the general timeline for each annual funding cycle, the services ITEP offers to interested tribal as the Technical Assistance Provider, & an update on the Tribal Advisory Council.</i> Presented by: Lucita Valiere, US EPA; Mark Daniels, ITEP</p>	
	<p>Mobile Sources, Beyond National Rules <i>Mobile Sources are generally regulated at the national level by EPA. Learn how mobile sources affect tribes & air quality programs that tribes can directly get involved in related to gasoline station activities.</i> Presented by: Pat Childers, US EPA</p>	
	<p>Stage 2 Vapor Recovery <i>This session will provide a status update on EPA Region 9's development of a General Permit for Gasoline Dispensing Facilities in Indian Country within California & will cover comments submitted by the Pechanga Band.</i> Presented by: Lisa Beckham, US EPA; Kelcey Stricker, Pechanga Band of Luiseño Mission Indians</p>	
	<p>California Air Resources Board (CARB) <i>This presentation will provide an overview of Mobile Source issues & programs in the State of California.</i> Presented by: Shannon Dille, California Air Resources Board</p>	
3:00 pm-4:30 pm	<p>BREAKOUT #2: Ambient Air Quality Moderated by: Chris Lee, ITEP/TAMS & Farshid Farsi, EPA/TAMS</p>	Red-tailed Hawk
	<p>National Air Toxics Assessment Map Tool Demonstration <i>A quick presentation on the National Air Toxics Assessment (NATA) online map will be followed by live demo of its purpose, use, & ability. The NATA map is an interactive map that lets the user display risks, air emissions, & other NATA data on a map. Its intent is to represent ranges of cancer risks from exposure to airborne toxic compounds such as mercury, cadmium, and benzene.</i> Presented by: James Payne, US EPA OAQPS</p>	
	<p>Pala Band of Mission Indians Environmental Department Air Monitoring Program Case Study <i>The Pala Environmental Department has been conducting air monitoring since 1996. The program will provide information on how the tribe manages & operates it's air monitoring program with a one-person staff.</i> Presented by: Darold Wallick, Pala Tribe</p>	
	<p>Gila River Indian Community Air Quality Program Projects and Updates <i>This presentation will cover some of the special projects that are under development by the Gila River Indian Community's Air Quality Program, including a demonstrations of the Monitoring Data & Visibility Image System & IMPACT emissions inventory software tool and other program updates.</i> Presented by: Ryan Eberle, Gila River Indian Community</p>	
3:00 pm-4:30 pm	<p>BREAKOUT #3: Indoor Air Quality Moderated by: Darrien Benally, ITEP</p>	Cottonwood
	<p>Getting Youth Involved in a Healthy Schools Project <i>Why are Healthy Schools Important? Often overlooked, they are critical to the success of our children. An ITEP Youth Intern will share the importance of Indoor Air Quality in schools & what she has done within the Coeur d'Alene Tribal School to make an impact.</i> Presented by: Joan Barnowsky, ITEP Intern; Bobbi Anne Barnowsky, Coeur d'Alene Tribal Schools</p>	

	<p>Indoor and Outdoor Air Monitoring Using Low-Cost Devices <i>This session will go over the application of low-cost particulate matter monitors in two projects. One project is in partnership with Tulalip Tribes & is focused on preparedness for summer wildfire smoke. The other project is in partnership with Yakama Nation & involves ongoing ambient monitoring, with plans for indoor monitoring. We will discuss challenges & successes in using the monitors, & ideas for future projects.</i> Presented by: Orly Stampfer, University of Washington</p>	
	<p>Indoor Air Monitoring Instruments <i>This session will provide attendees an opportunity to see/touch/learn about tools that they could use to sample indoor air quality in homes.</i> Presented by: AJ Salkoski, Alaska Native Tribal Health Consortium</p>	
3:00 pm-4:30 pm	<p>BREAKOUT #4: Climate Change Moderated by: Nikki Cooley, ITEP</p>	Rabbit
	<p>Tribal Communities as Necessary Agents of Change <i>This presentation will discuss the urgency of action needed to address the causes of climate change & how indigenous communities can produce capable leaders to promote that action.</i> Presented by: Ted Griswold, Procopio</p>	
	<p>Engaging Youth on Climate Change <i>Learn about a variety of educational resources available for engaging youth on topics related to climate change. The session will include displays of curricular materials & some short hands-on activities. Weather permitting, enjoy a solar cooking demonstration & learn about an environmental monitoring program.</i> Presented by: Mansel Nelson & Julaire Scott, ITEP</p>	
6:00-8:30 pm	<p>Virgil Masayesva Awards Ceremony and Banquet Dinner (optional)</p>	Summit Ballroom
	Thursday May 9, 2019 (Day Three)	
7:30 am-4:00 pm	Exhibits	
7:30 am-4:00 pm	Registration	Summit Ballroom
7:30 am-8:30 am	<p>Continental Breakfast <i>Enjoy light refreshments while browsing the exhibits.</i></p>	Summit Ballroom
8:30 am-9:30 am	<p>Plenary Session - Wildfire Smoke-Ready Tribal Communities Moderated by: Kris Ray, Colville Confederated Tribes Presented by: Nathan Kilger, Bad River Band of Chippewa; Ali Kamal, US EPA</p>	Summit Ballroom
9:30 am-10:00 am	Networking Break	
10:00 am-11:30 am	<p>BREAKOUT #1: Air Quality Policy and Regulation Moderated by: Wilfred Nabahe, Colorado River Indian Tribes</p>	Fox
	<p>A Tribal Perspective: Airshed Designations <i>This presentation will provide a case study in how the Pechanga Band pursued a tribal airshed designation over the objections of the South Coast Air Quality Management District & worked with EPA throughout the process.</i> Presented by: Kelcey Stricker, Pechanga Band of Luiseño Mission Indians</p>	
	<p>A Tribal Perspective: Insight to EPA's Advance Program <i>The Inter-Tribal Council of Northeastern Oklahoma has been partnering with the Four States Clean Air Alliance (FSCAA) to proactively address ground-level ozone issues through development & implementation of a voluntary Clean Air Action Plan. This presentation will provide some examples of public outreach activities utilized to get the word out on ground-level ozone issues, & future planning initiatives.</i> Presented by: Craig Kreman, Quapaw Nation</p>	

	<p>TIPS for Open Burning <i>This presentation will share the Swinomish Tribe's experience with Tribal Implementations Plans.</i> Presented by: Scott Andrews, Swinomish Indian Tribal Community</p>	
	<p>California Air Resources Board <i>This presentation will talk about how California structures it's State Program to implement the NAAQS, including its rulemaking processes, and how it engages the tribes.</i> Presented by: Shannon Dilley, California Air Resources Board</p>	
10:00 am-11:30 am	<p>BREAKOUT #2: Ambient Air Quality Moderated by: Chris Lee, ITEP/TAMS & Farshid Farsi, EPA/TAMS</p>	Red-tailed Hawk
	<p>Catawba Tribal Air Program Case Study <i>A presentation of the Catawba Tribe Air Quality Program will be shared with attendees. The program is undertaking various projects ranging from air monitoring to IAQ projects to participation in regional air quality planning projects. The Tribe is also working on regulatory development projects & collaboration with EPA & the South Carolina DHEC.</i> Presented by: Scott Hansen, Catawba Tribe</p>	
	<p>National Renewable Energy Lab's Tribal Energy Atlas Tool Demonstration <i>This session will have a brief presentation on the National Renewable Energy Laboratory's Tribal Energy Atlas Tool. It will be followed by a brief demonstration of the online, interactive map which allows tribes & others to analyze installed energy projects & as well as to assess energy resource potential on tribal lands.</i> Presented by: James Payne, US EPA OAQPS</p>	
	<p>TAMS Center Tools and Resources <i>An overview of the TAMS Center's various support tools for tribal air monitoring activities will be provided. These include: online training, technical assistance, software solutions, the Tribal Datatools website & many other support resources. Share your ideas and suggestions for other support needed, and interact with other who are interested in air monitoring and data management topics.</i> Presented by: Melinda Ronca-Battista, ITEP/TAMS</p>	
10:00 am-11:30 am	<p>BREAKOUT #3: Indoor Air Quality Moderated by: Natalia Shaw, ITEP</p>	Cottonwood
	<p>Communicating Risk and Reducing Exposure During Wildfires and Episodes of Poor Air Quality <i>In this session, we will explore three methods for communicating risk & reducing exposure. With increasing frequency & severity of wildfires, in addition to ongoing woodsmoke challenges, thousands of tribal families are impacted by unhealthy levels of ambient & indoor air quality.</i> Presented by: Gillian Gawne-Mittelstaedt & Aileen Gagney, Tribal Healthy Homes Network; Orly Stampfer, University of Washington; Darrien Benally, ITEP</p>	
	<p>Residential Wood Smoke Interventions Improving Health in Native American Populations: An IAQ Study on the Navajo Nation <i>Residential wood stove PM2.5 exposures are common among rural Native American communities, & such exposures have been associated with respiratory disease in susceptible populations. The main goal of this new research is to learn about approaches in the wood-burning households that can reduce elders' exposure to wood smoke, an important contributor to poor respiratory health. Presenters will share updated information about an IAQ study on the Navajo Nation that examines the effect of better wood-burning practices on improving indoor air quality & respiratory health among elderly Navajo.</i> Presented by: Eugenia Quintana & Nolan Hoskie, Navajo Nation</p>	
10:00 am-11:30 am	<p>BREAKOUT #4: Air Permitting for Oil & Gas Moderated by: Nikki Cooley, ITEP</p>	Rabbit

	<p>Air Permitting of Oil and Gas Operations on Tribal Lands: Coordination of Tribal, Federal and State Programs, Community Engagement</p> <p>The panel will discuss the need for coordination among the several agencies at the federal, tribal & state levels as they & the affected community engage around the issues of air permitting in the face of a dramatic increase in proposed oil & gas operations on & near tribal lands. What will be the regulatory approach ? How will affected communities be able to understand & engage in these activities ? How do the programs take into account the complex mix of trust, allotment, fee, public & private lands in which oil & gas operations are being proposed & taking place ? How does environmental justice affect the process ? Presented by: Richard Grow & Lisa Beckham, US EPA Region 9; Tennille Begay Denetdeel & Mario Atencio, Navajo Nation</p>	
11:30 am-1:00 pm	LUNCH (on your own)	
12:00pm-1:00 pm	<p>Optional Tour: Pechanga Recycling and Co-Generation Plant</p> <p>A walking tour of Pechanga's sustainability initiatives & programs will be lead by the Pechanga Resort & Casino's new Sustainability Manager. Learn about the challenges of implementing sustainability initiatives on a large-scale tribal commercial property while touring the Pechanga co-generation plant, waste collection & recycling facilities, & other unique features. Along with a recent expansion of commercial activities & properties, Pechanga is increasing its commitment to sustainability through improved environmental, economic, & social programs. This tour is a great opportunity to learn about the planning & initiation of an enhanced sustainability program that is scalable for larger operations. It is recommended that attendees use the ear protection provided at the facility; closed-toe shoes required. Maximum 15 people per tour; sign-up at the NTFAQ Registration Table.</p>	Meet in hotel lobby
12:00pm-1:00 pm	<p>Optional Tour: Pechanga Great Oak</p> <p>Visit the Great Oak, a cultural treasure & natural wonder, on a guided tour led by the Pechanga Cultural Department staff. The tour will inform you about the importance of the Great Oak, a nearly 2,000 year old coast live oak. To protect the oak root system & the leaf litter, please no high-heeled shoes! Maximum 20 people per tour; sign-up at the NTFAQ Registration Table.</p>	Meet in hotel lobby
1:00 pm-2:00 pm	<p>Plenary Session: Tribal Air BIG Ideas</p> <p>This session will feature speakers presenting big ideas that impact tribal air quality now & in the future. Each speaker will briefly present their thought-provoking & inspi rational idea. This plenary session should instigate discussions between all participants to help move them forward in efforts to address air quality.</p> <p>Moderated by: Melinda Ronca-Battista, ITEP/TAMS</p> <p>Presented by: Kelcey Stricker, Pechanga Band of Luiseño Indians; Darwin Holyan, Washoe Tribe; Ernie Grooms, Red Cliff Band of Lake Superior Chippewa; Phillip Mee, Sac & Fox Nation</p>	Summit Ballroom
2:00 pm - 2:30 pm	<p>Young Environmental Professionals</p> <p>The passing down of knowledge to numerous generations & engaging native youth of varying ages within the environmental sciences can ensure that our future land managers reflect the same cultural values that are keystone to our tribal communities. Native youth are an invaluable resource to tribal commitment to environmental health. Professional development opportunities, such as internship programs, are valuable to the growth of our future leaders. Continued growth & knowledge sharing are important for all of us, both young professionals starting their path & elders approaching the end of their paths.</p> <p>Presented by: Darrien Bennally & Natalia Shaw, ITEP</p>	Summit Ballroom
2:30 pm - 3:15 pm	<p>Closing Session and Final Raffle</p> <p>Thank you to all who attended & contributed to this event! Be sure to stay for the final (and best!) raffle prizes, which will be drawn before we adjourn. Bring your nametag to use as your raffle ticket for the final drawing!!!</p> <p>Moderated by: Mehrdad Khatibi, ITEP</p>	Summit Ballroom
5:30 pm-7:30 pm	<p>"Breath of Fresh Air 5K Fun Run/Walk" (optional)</p> <p>Sign-up at the NTFAQ Registration Table</p>	Journey's End Clubhouse

Friday May 10, 2019 (Optional)		
9:00 am - 1:00 pm	<p>Optional Field Trip: Anaerobic Digestion Plant Tour</p> <p><i>CR & R Environmental Services (CR & R) has invested in an advanced organics processing technology known as Anaerobic Digestion (AD). This technology has enabled CR & R to produce a clean Renewable Natural Gas which can then be used to power its large fleet of refuse & recycling collection vehicles. This 100% Renewable Natural Gas is being created from the organic waste that is being captured throughout CR & R's collection network. This proprietary process is unique to CR & R & is fully enclosed with zero untreated emissions. It has the highest energy conversion rate in the industry due to its state-of-art design & digital controls. CR & R also has the only renewable natural gas interconnect in California. This unique interconnect, in partnership with the Southern California Gas Company; allow us to distribute our Renewable Natural Gas anywhere in the State. If you are coming back to the Pechanga Resort & Casino afterward & have checked out, they offer a Bell Desk service (fees may apply). Maximum 25 people per tour; sign-up at the NTFAQ Registration Table. * This field trip goes in the direction of Ontario airport (North from Pechanga Resort & Casino), so it is a good idea for those flying out of Ontario on Friday night to make travel plans to leave straight from the tour to the airport.</i></p>	Sign-up at the NTFAQ Registration Table
9:00 am - 1:00 pm	<p>Optional San Diego Field Trip: National Science Foundation's Center for Aerosol Impacts on Chemistry of the Environment</p> <p><i>National Science Foundation's Center for Aerosol Impacts on Chemistry of the Environment (NSF CAICE) is comprised of scientists ranging from chemists to oceanographers to marine biologists. The NSF CAICE is advancing our understanding of fundamental chemical processes as they occur in the real world by developing novel ways to address large scale environmental processes in a controlled setting. NSF CAICE has brought the real-world complexity of the ocean-atmosphere-microbe system to the laboratory. The current focus is on sea spray aerosol, since oceans cover nearly three-quarters of the Earth & play a vital role in controlling our climate. Sea spray aerosol consists of complex chemical mixtures including sea salt, viruses, bacteria, proteins, & other biological species. A current challenge in trying to protect our planet involves understanding how much different pollution sources generated by humans are adversely impacting our atmosphere. In NSF CAICE, we study the impact of aerosol particles & their effects on climate, weather, & human as well as ecosystem health. Visit this unique ocean-atmosphere interaction facility & labs developed in NSF CAICE to replicate the broad range of conditions occurring in the real world. If you are coming back to the Pechanga Resort & Casino afterward & have checked out, they offer a Bell Desk service (fees may apply). Maximum 16 people per tour; sign-up at the NTFAQ Registration Table. *This field trip goes in the direction of the San Diego airport (South from Pechanga Resort & Casino), so it is a good idea for those flying out of San Diego airport on Friday night to make travel plans to leave straight from the tour to the airport.</i></p> <p>Moderated by: Andy Bessler, ITEP Presented by: NSF CAICE staff</p>	Sign-up at the NTFAQ Registration Table