

# National Tribal Forum on Air Quality

Temecula, California  
May 6-9, 2019



*Wildflowers grow alongside the mountains near the Pechanga Reservation*

*Photo courtesy of Kelcey Stricker, Pechanga Band of Luiseno Indians*

## CONFERENCE PROGRAM



*The Institute for Tribal Environmental Professionals (ITEP), The National Tribal Air Association (NTAA), and the Pechanga Band of Luiseno Indians are proud to bring you the 20th Annual National Tribal Forum on Air Quality. This event is made possible by a grant from the US Environmental Protection Agency.*

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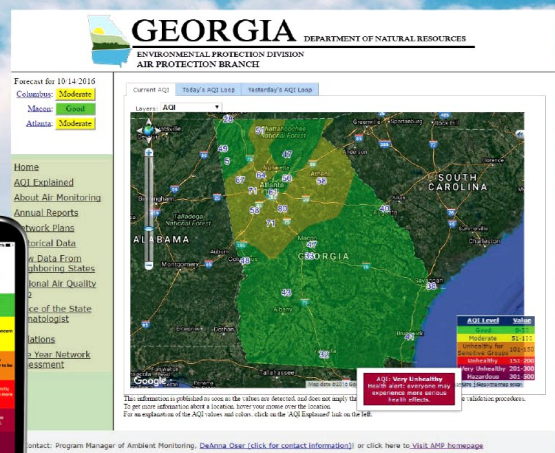
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Site Technician Mobile Application

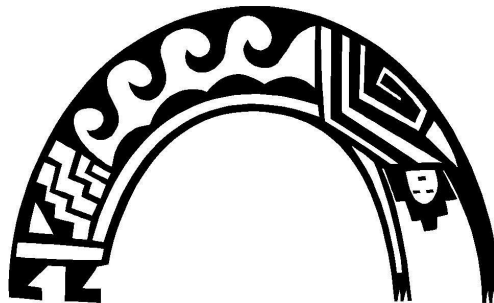


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# Agenda ~ At a Glance

## Monday, May 6, 2019 (Optional Workshops)

8:00 am-5:30 pm	<b>Registration &amp; Coffee</b>	Summit Foyer
9:00 am-5:00 pm	<b>Optional Session #1: Introduction to R for Environmental Data Analysis</b>	Fox
9:00 am-5:00 pm	<b>Optional Session #2: Drones 101 for Air Quality</b>	Cottonwood
12:00 pm-1:00 pm	<b>Optional Tour: Pechanga Recycling &amp; Co-Generation Plant</b>	Meet in hotel lobby
12:00 pm-1:00 pm	<b>Optional Tour: Pechanga Great Oak</b>	Meet in hotel lobby
1:00 pm-5:00 pm	<b>Optional Session #3: CAA Grants &amp; TAS for Air Quality</b>	Red-tailed Hawk
1:00 pm-5:00 pm	<b>Optional Vendor-sponsored Session: DR-DAS</b>	Rabbit
1:00 pm-5:00 pm	<b>Optional Vendor-sponsored Session: Agilaire</b>	Bear
2:00 pm-4:00 pm	<b>Optional Vendor-sponsored Session: Ambilabs</b>	Elderberry
	<b><u>Optional evening activities:</u></b>	
5:00-6:00 pm	<b>Pechanga Air Monitoring Station Tour</b>	Meet in hotel lobby
5:30-8:30 pm	<b>Santa Margarita Ecological Reserve SOLAR Project Tour</b>	Meet in hotel lobby

## Tuesday, May 7, 2019 (Conference-Day 1)

8:00 am-5:30 pm	<b>Registration &amp; Exhibits, Continental Breakfast until 9:00 am</b>	Summit Foyer
9:00 am-11:00 am	<b>Opening Plenary Session &amp; Keynote Speaker</b>	Summit Ballroom
11:00 am-1:00 pm	<b>Lunch (on your own)</b>	
11:00 am-11:30 am	<b>NTAA Meeting Registration</b>	Eagle's View Ballroom
11:30 am-1:00 pm	<b>NTAA Member Meeting &amp; Luncheon (optional)</b>	Eagle's View Ballroom
12:00 pm-1:00 pm	<b>Optional Tour: Pechanga Great Oak</b>	Meet in hotel lobby
1:00 pm-1:15 pm	<b>Transition Break</b>	
1:15 pm-2:30 pm	<b>Networking Clubhouse Discussions</b>	Summit Ballroom
2:30 pm-3:00 pm	<b>Networking &amp; Refreshment Break</b>	Summit Ballroom
3:00 pm-4:30 pm	<b>BREAKOUT #1: Air Quality Policy &amp; Regulation</b>	Red-tailed Hawk
3:00 pm-4:30 pm	<b>BREAKOUT #2: Ambient Air Quality</b>	Elderberry
3:00 pm-4:30 pm	<b>BREAKOUT #3: Indoor Air Quality</b>	Cottonwood
3:00 pm-4:30 pm	<b>BREAKOUT #4: Climate Change</b>	Rabbit
	<b><u>Optional evening activities:</u></b>	
5:00-6:00 pm	<b>Pechanga Air Monitoring Station Tour</b>	Meet in hotel lobby
7:00-8:00 pm	<b>"Pu'éska," a documentary film on saving Pu'éska Mountain</b>	Summit Ballroom



**Note: All workshops and breakout sessions are located on the 2nd floor; Exhibits, refreshments, and plenary sessions on 1st floor.**



# Agenda ~ At a Glance

## Wednesday, May 8, 2019 (Conference, Day 2)

8:00 am-8:30 am	<b>Registration &amp; Exhibits, Continental Breakfast</b>	Summit Ballroom
8:30 am-9:30 am	<b>Plenary Session: Health Impacts from Air Quality</b>	Summit Ballroom
9:30 am-10:00 am	<b>Networking Break</b>	Summit Ballroom
10:00 am-12:30 pm	<b>Eco-Café Exhibit Session &amp; Working Lunch (provided)</b>	Summit Ballroom
12:30 pm-1:00 pm	<b>Networking Break</b>	Summit Ballroom
1:00 pm-2:30 pm	<b>BREAKOUT #1: Air Quality Policy &amp; Regulation</b>	Red-tailed Hawk
1:00 pm-2:30 pm	<b>BREAKOUT #2: Ambient Air Quality</b>	Elderberry
1:00 pm-2:30 pm	<b>BREAKOUT #3: Indoor Air Quality</b>	Cottonwood
1:00 pm-2:30 pm	<b>BREAKOUT #4: Climate Change</b>	Rabbit
2:30 pm-3:00 pm	<b>Networking Break</b>	Summit Ballroom
3:00 pm-4:30 pm	<b>BREAKOUT #1: Air Quality Policy &amp; Regulation</b>	Red-tailed Hawk
3:00 pm-4:30 pm	<b>BREAKOUT #2: Ambient Air Quality</b>	Elderberry
3:00 pm-4:30 pm	<b>BREAKOUT #3: Indoor Air Quality</b>	Cottonwood
3:00 pm-4:30 pm	<b>BREAKOUT #4: Climate Change</b>	Rabbit
6:00-8:30 pm	<b>Virgil Masayeva Awards Ceremony &amp; Banquet Dinner (optional)</b>	Summit Ballroom

## Thursday, May 9, 2019 (Conference, Day 3)








8:00 am-8:30 am	<b>Registration &amp; Exhibits, Continental Breakfast</b>	Summit Ballroom
8:30 am-9:30 am	<b>Plenary Session: Wildfire Smoke-Ready Tribal Communities</b>	Summit Ballroom
9:30 am-10:00 am	<b>Networking Break</b>	Summit Ballroom
10:00 am-11:30 am	<b>BREAKOUT #1: Air Quality Policy &amp; Regulation</b>	Red-tailed Hawk
10:00 am-11:30 am	<b>BREAKOUT #2: Ambient Air Quality</b>	Elderberry
10:00 am-11:30 am	<b>BREAKOUT #3: Indoor Air Quality</b>	Cottonwood
10:00 am-11:30 am	<b>BREAKOUT #4: Air Permitting for Oil &amp; Gas</b>	Rabbit
11:30 am-1:00 pm	<b>LUNCH (on your own)</b>	
12:00 pm-1:00 pm	<b>Optional Tour: Pechanga Recycling &amp; Co-Generation Plant, OR Pechanga Great Oak</b>	Meet in hotel lobby
1:00 pm-2:00 pm	<b>Plenary Session: Tribal Air BIG Ideas</b>	Summit Ballroom
2:00 pm-2:30 pm	<b>Young Environmental Professionals</b>	Summit Ballroom
2:30 pm-3:15 pm	<b>Closing Session &amp; Final Raffle</b>	Summit Ballroom
5:30 pm-7:30 pm	<b>"Breath of Fresh Air 5K Fun Run/Walk" (optional)</b>	Journey's End

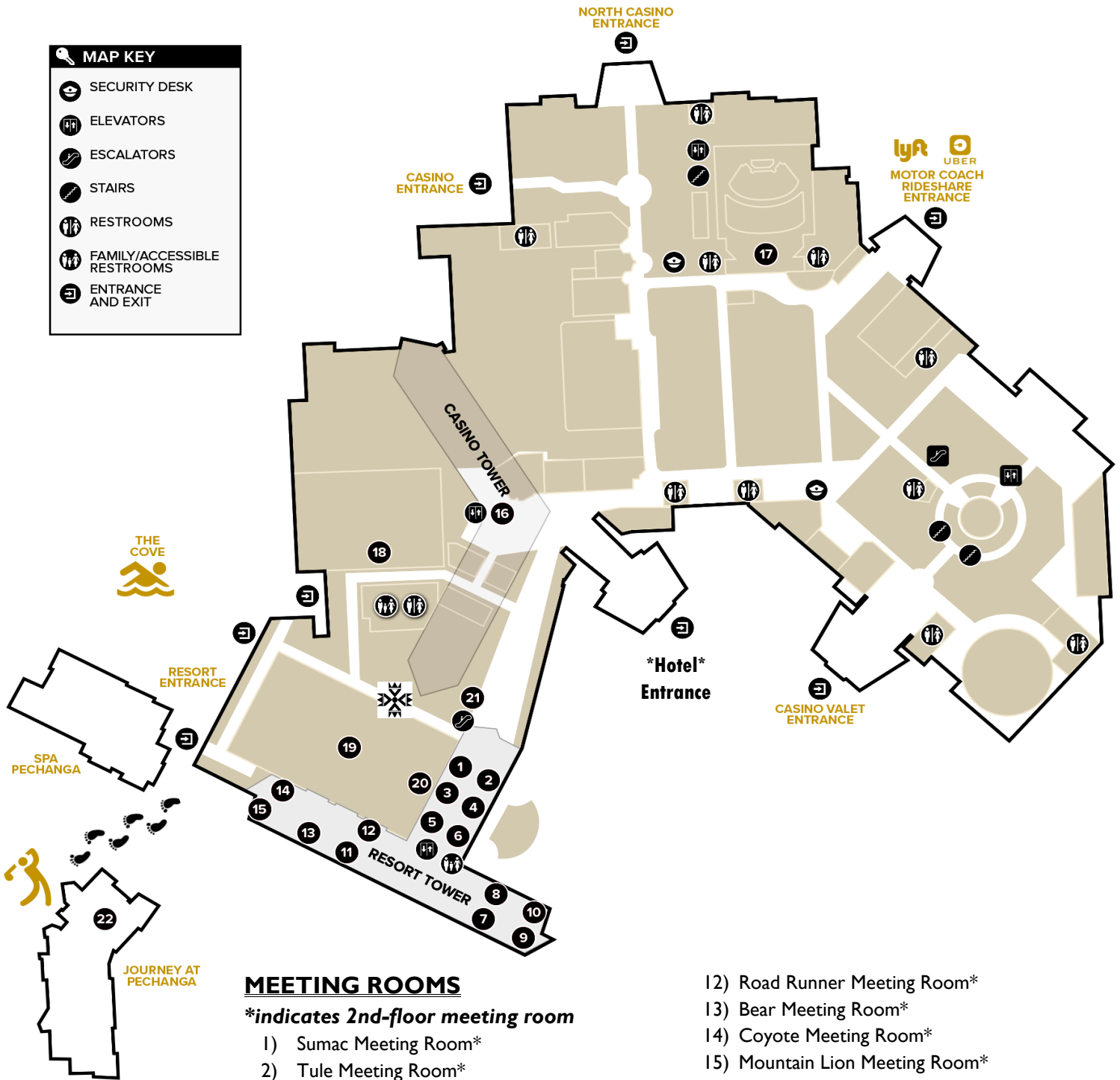
## Friday, May 10, 2019 (Optional Field Trips)

9:00 am-2:00 pm	<b>Optional Field Trip: Anaerobic Digestion Plant Tour</b>	Meet in hotel lobby
9:00 am-2:00 pm	<b>Optional San Diego Field Trip: National Science Foundation's Center for Aerosol Impacts on Chemistry of the Environment</b>	Meet in hotel lobby

# Property Map: Meeting Room Locations

**MAP KEY**

-  SECURITY DESK
-  ELEVATORS
-  ESCALATORS
-  STAIRS
-  RESTROOMS
-  FAMILY/ACCESSIBLE RESTROOMS
-  ENTRANCE AND EXIT



*\*indicates 2nd-floor meeting room*

- 1) Sumac Meeting Room\*
- 2) Tule Meeting Room\*
- 3) Elderberry Meeting Room\*
- 4) Cottonwood Meeting Room\*
- 5) Manzanita Meeting Room\*
- 6) White Sage Meeting Room\*
- 7) Rabbit Meeting Room\*
- 8) Red Tailed Hawk Meeting Room\*
- 9) Deer Meeting Room\*
- 10) Turtle Meeting Room\*
- 11) Red-tailed Hawk Meeting Room\*








- 12) Road Runner Meeting Room\*
- 13) Bear Meeting Room\*
- 14) Coyote Meeting Room\*
- 15) Mountain Lion Meeting Room\*
- 16) Front Desk/Concierge/Eagle's Nest
- 17) Pechanga Theater
- 18) Grand Ballroom
- 19 & 20) Summit Ballroom & Foyer**
- 21) Escalators to Meeting Rooms
- 22) Journey's End

 **NTFAQ Registration Desk**

 **5K Fun Run/Walk Start**

# Property Map: Dining Locations

**MAP KEY**

-  SECURITY DESK
-  ELEVATORS
-  ESCALATORS
-  STAIRS
-  RESTROOMS
-  FAMILY/ACCESSIBLE RESTROOMS
-  ENTRANCE AND EXIT



## DINING LOCATIONS

- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>1) Acorn Bar</li> <li>2) Bamboo</li> <li>3) Blazing Noodles</li> <li>4) Blends Coffee &amp; Wine Bar</li> <li>5) Pechanga Buffet</li> <li>6) Pechanga Café</li> <li>7) Cascade Bar</li> </ul> | <ul style="list-style-type: none"> <li>8) Coveside Grill</li> <li>9) The Great Oak Steakhouse</li> <li>10) Journey's End</li> <li>11) Kelsey's</li> <li>12) The Lobby Bar &amp; Grill/li&gt;</li> <li>13) Paisano's</li> <li>14) Round Bar</li> <li>15) Temptations Food Walk</li> <li>16) Umi Sushi &amp; Oyster Bar</li> </ul> |
|--|--|

 **NTFAQ Registration Desk**

# 2019 NTFAQ Information

## History of the Forum

The NTFAQ provides environmental professionals from tribes, EPA, and other organizations an opportunity to meet and discuss current policies, regulatory initiatives, and technical topics in air quality. The NTFAQ is a cooperative endeavor co-sponsored by The Institute for Tribal Environmental Professionals (ITEP) and the National Tribal Air Association (NTAA), made possible by funding from US EPA and our generous sponsors. The goal of the NTFAQ is to bring together tribes and others working to address air quality concerns; through interacting & connecting with like-minded colleagues, attendees are able to gain a deeper understanding of relevant issues, build their professional networks, & strengthen personal connections.

**The NTFAQ celebrates 20 years in 2019!** Since its inception, 1,500 individuals working for tribes, US EPA, & others state, local, and private entities have attended at least one Forum, for a total of over 3,000 attendees at all events to date. The first Forum was held in FY '99 in Phoenix, Arizona & attended by just 50 people, some of whom are still attending the annual conference today! It is coordinated & facilitated by staff at the Institute for Tribal Environmental Professionals in collaboration with partners from tribes, EPA, & others. Beginning in 2006, ITEP joined forces with the NTAA to plan & conduct the event, & in doing so, greatly expand the overall scope & reach for the annual gathering.

The NTFAQ continues to resonate with attendees & each year—feedback received indicates deep appreciation for the opportunities for learning & information sharing, and for forging new connections, or renewing old ones. Each event brings new inspiration & renewed strength to the hard-working community of tribal airheads, and we look forward to another 20 years!



## Courtesy Requests

Please refrain from using strongly scented products (perfumes, colognes, lotions, etc.) during the conference sessions, including meals & vehicles used for field trips. Fragrances from personal care products have been associated with adversely affecting a person's health, including respiratory symptoms, shortness of breath, headaches, and difficulty concentrating.

Please wear your nametag at all times, silence all electronic devices during sessions, bring optional layered clothing for varying temperatures in the event space, arrive on-time for sessions, & quietly leave functions for calls, etc. Be respectful of other attendees' viewpoints and opinions. Event staff reserve the right to remove any attendee from the event at their discretion.

## Photographs & Videos

Photographs & videos will be taken during this publicly-funded event for purposes of outreach by ITEP and/or NTAA (i.e. publications, websites, brochures, & other media). You may inform an ITEP staff person if you object to your picture being used. Please be considerate of our tribal hosts & refrain from taking photographs of displayed artwork, ceremonial & cultural items or areas, etc. during your stay.

## Emergency Information

In case of an emergency, call 911. Please report any injuries or medical conditions that arise due to use of the facility to event staff immediately. The nearest IHS Clinic is the Riverside-San Bernardino Health Clinic (12784 Pechanga Rd; Ph: 951-676-6810) or the Temecula Medical Group Urgent Care Facility (44054 Margarita Rd #1; Ph: 951-302-2526)

## Shuttles & Ride-Sharing

Airport shuttle services for the Ontario Airport are available according to the schedule posted at the Registration Table. If you require transportation to other area airports or locations, please see the Ride-sharing board, or contact the Hotel Concierge for other transportation options. Have a ride to offer, or need a ride somewhere? Leave your information at the Registration Table so others can connect with you.



# Conference Highlights

*In addition to the informative presentations lined up for this year's conference, there are a number of unique sessions & interactive opportunities planned—maximize your experience by taking advantage of them & let us know what you'd like to see more of!*

## Exhibitors & Vendors

Please be sure to visit our sponsors & our other exhibitors while you enjoy refreshments during the Forum! There are also a number of artisans and vendors selling their wares in the Summit Foyer — stop by & have a look!

## Raffle Drawings

Drawings will be held daily during the lunch-hour, and winning numbers posted at Registration Table until 5 pm. Unclaimed prizes will be redrawn, and new raffle tickets issued daily. Attend the Eco-Café on Wednesday, and the “Big Ideas” Plenary Session on Thursday to be entered into the drawings. Final raffle and grand prize drawing winners announced @ 3pm Thursday—you must be present to win! Be sure to bring your nametag to the final drawing on Thursday because it will be used as your raffle ticket.

## Networking & Information-Sharing

Tuesday afternoon's **Networking Clubhouse** session (**1:15 pm, Summit Ballroom**) is set up specifically to allow attendees to introduce themselves & interact with each other around a common interest. Pick a topic, share your interest in it, & meet others along the way, then find a new topic & more peers. **Bring some business cards to swap so you can connect later & continue the conversations!**

Don't miss the most popular session at the NTFAQ! The **Eco-Café** will be held **Wednesday** morning at **10:00 am in the Summit Ballroom**. This exhibit-style information sharing & gathering event is an excellent opportunity to interact one-on-one with exhibitors on a wide range of topics. Take time to browse the displays, pick up resources, & chat with the representatives at different tables in an informal atmosphere. **Lunch is provided, but only for those attendees who get enough signatures on their “passport” card!**

## Optional Activities & Events

The conference hosts have planned several special optional activities for the NTFAQ. Transportation is provided for outings, but space is limited! Check the NTFAQ Registration Table for sign-up sheets & other important details.

- ▲ **Santa Margarita Ecological Reserve SOLAR Project, Monday 5:30 pm-8:30 pm**
- ▲ **Pechanga Tribal Air Monitoring Station Tour, Monday & Tuesday, 5:00 pm-6:00 pm**
- ▲ **Pechanga Great Oak Cultural Tour, Monday, Tuesday, & Thursday, 12:00 pm-1:00 pm**
- ▲ **Pechanga Recycling & Co-Generation Facility, Monday & Thursday, 12:00 pm-1:00 pm**
- ▲ **Awards Ceremony & Banquet Dinner, Wednesday 6:00 pm-8:30 pm, Summit Ballroom** (All attendees & family/companions are welcome! Please feel free to wear your traditional regalia if desired.)
- ▲ **National Science Foundation Center for Aerosol Impacts on Chemistry & the Environment, Friday, 9:00 am-2:00 pm**
- ▲ **CR&R Anaerobic Digestion Facility, Friday, 9:00 am-2:00 pm**

## Presentations & Feedback

Visit the NTFAQ website to download pictures, presentations & other materials after the Forum; the NTFAQ USB drive also contains links to useful information and resources for attendees.

Be sure to give us your feedback at the end of the Forum or even during the breaks! **Visit the NTFAQ Online Suggestion Box ([bit.ly/NTFsuggest](http://bit.ly/NTFsuggest))**, speak with any ITEP or NTAA representative, or drop us a note at the registration table & share your thoughts!



# 2019 NTFAQ Sponsors & Exhibitors

## Platinum Sponsor

### **DR DAS LTD**

DR DAS LTD offers environmental information products, scalable from a single analyzer to national networks. Our products include Envidas Ultimate data loggers & the Envista ARM central data collection & reporting software. We offer public information tools such as web sites, phone Apps, displays, kiosks & telephony. [www.dr-das.com](http://www.dr-das.com)



## Gold Sponsors

### **Agilaire LLC**

Agilaire provides air monitoring data acquisition & management systems for over 80 state & local agencies & 12 tribes in the US. It's flagship products, AirVision & the 8832/872 data loggers form a complete solution for collecting data from field sensors, providing quality assurance, & meeting needs for both internal reporting & publishing information to USEPA & the public. Public information options include "plug & play" AgileWeb site, & the MyAQI mobile app. [www.agilaire.com](http://www.agilaire.com)



### **American Ecotech / Ambilabs**

American Ecotech specializes in supplying state of the art instruments measuring specific gases, aerosols, & particulate airborne matter, including gas analyzers to measure NOx, CO, SO2, CO2, NH3, H2S, NOy, and/or ozone. Our division Ambilabs is a full services provider & integrator of air, environmental, & process monitoring solutions. [www.americanecotech.com](http://www.americanecotech.com)



## Silver Sponsors

### **Air Resource Specialists, Inc.**

Air Resource Specialists, Inc. (ARS) provides professional consulting & support services in air quality monitoring, modeling, & environmental compliance. Formed in 1981, ARS has successfully conducted a variety of contracts for federal, state, & local agencies, Indian nations, & industrial clients. [www.air-resource.com](http://www.air-resource.com)

### **Craig Environmental Consulting**

Craig Environmental Consulting has been helping Tribal Air Monitoring programs since 2006 & has been in the air monitoring field for almost 40 years. Please stop by our table so we can discuss your air monitoring program. I am always interested in hearing about air monitoring programs.



### **GrayWolf Sensing Solutions**

GrayWolf manufactures advanced environmental instrumentation for indoor air quality (IAQ) measurement, toxic gas monitoring, heating, ventilating & air conditioning (HVAC) testing & other applications. GrayWolf offers a broad range of highly accurate, fast response sensors (for CO2, VOCs, differential pressure, airflow, particulate, formaldehyde, ozone, ammonia, CO, H2S, NO, NO2, SO2, Cl2 & more). Embedded computers in the GrayWolf meters, running user-friendly WolfSense™ software, enable highly efficient documentation & reporting for walk-thru surveys & for long-term trending/logging. Extensive on-board educational information is available, accessed via the color touch screen (help videos, government & industry guidelines, sensor technical data, etc.). [www.graywolfsensing.com](http://www.graywolfsensing.com)



### **Met One Instruments, Inc**

Met One Instruments; We Care about Air! We are a dynamic, experienced company providing solutions for ambient, indoor & controlled environmental monitoring. Met One specializes in providing affordable, precision, & highly reliable particulate & mass monitors for ambient & indoor air quality, controlled environments. [www.metone.com](http://www.metone.com)



# 2019 NTFAQ Sponsors & Exhibitors

## Procopio LLP

Procopio provides legal counsel to tribal governments & businesses. Procopio has represented tribal governments & worked with their environmental protection divisions for over 20 years, assisting with regulatory compliance, project permitting, ordinance development, project planning & program development. Our experience with tribal water, air quality, endangered species, land planning, clean energy, & property cleanup matters is designed to assist tribal communities prepare for a sustainable future. [www.procopio.com](http://www.procopio.com)



## Teledyne API

Teledyne API (TAPI) is a global leader in the design & manufacture of precision air quality & industrial gas monitoring instrumentation located in San Diego, California, USA. Our instruments are used worldwide in ambient air quality monitoring systems (AQMS), continuous emissions monitoring systems (CEMS), & industrial process applications. Our instruments comply with U.S. EPA, European Union (EU), & other global regulatory agencies for the measurement of criteria pollutants including NO<sub>2</sub>, SO<sub>2</sub>, CO, O<sub>3</sub>, PM<sub>10</sub> & PM<sub>2.5</sub>. We also provide a variety of complementary gas measurements, including NH<sub>3</sub>, H<sub>2</sub>S, TRS, TS, CO<sub>2</sub>, O<sub>2</sub>, as well as precision Zero Air Generators & Calibrator instruments for both standard & trace-level applications. [www.teledyne-api.com](http://www.teledyne-api.com)



## Exhibitors

**AARST Foundation**—Presenting information regarding the health risk of living with elevated radon levels. Radon is the leading cause of lung cancer in nonsmokers. [www.aarstfoundation.org](http://www.aarstfoundation.org)

**Adomani, Inc.**—ADOMANI offers electric vehicles & charging support. Conversion of current fossil fueled vehicles to plug-in electric is also available. [www.adomanielectric.com](http://www.adomanielectric.com)

**Apple Environmental**—Education for meth remediation training. [www.appleenvironmental.com](http://www.appleenvironmental.com)

**Blue Tomorrow**—Blue Tomorrow builds & deploys low-cost air quality monitors that collect continuous data on important air quality parameters. The monitors are also equipped with the ability to send the collected data in real-time to websites so the information can be accessed remotely. Blue Tomorrow air quality monitoring solutions can be used for fence line monitoring or to inform community members when air quality reaches levels of concern. [www.blue-tomorrow.com](http://www.blue-tomorrow.com)

**Cal-Bay Controls**—Cal-Bay Controls is the Southern California sales representative for Teledyne-API SO<sub>2</sub>, NO/NO<sub>2</sub>/NO<sub>x</sub>, CO, CO<sub>2</sub>, O<sub>2</sub>, and O<sub>3</sub> gas analyzers, PM<sub>2.5</sub> and PM<sub>10</sub> particulate monitors, calibrators and zero-air generators. We have worked with a number of tribal air monitoring groups to provide instruments for new air monitoring programs or as replacements for old equipment. We can also team with sample system/integration companies, independent consultants & data management providers to provide a total air-monitoring solution. In addition, Cal-Bay Controls represents Charge Bliss, which provides energy management services, including: renewable microgrids separate from the local utility provider, solar energy, battery storage, smart controllers & automated software systems to reduce utility costs, produce clean energy, & provide critical backup power in case of power outages. [www.calbaycontrols.com](http://www.calbaycontrols.com)

**Lakes Environmental Software**—Lakes Environmental Software is internationally recognized for its technologically advanced environmental air quality modeling software & meteorological data products. Lakes Environmental Software is the developer of the Tribal Emission Inventory Software Solution (TEISS), which is used by hundreds of tribes to calculate & report their annual emissions inventories. Stop by our exhibit to learn more about our software & data services as well as see a demonstration of our emissions management & air quality solution, AQMIS. [www.webLakes.com](http://www.webLakes.com)

**Thermo Fisher Scientific**—Thermo Fisher Scientific Inc. is the world leader in serving science to enable our customers to make the world healthier, cleaner & safer. Gas and Particulate analyzers for your Environmental Ambient Air Quality Measurements. [www.thermofisher.com](http://www.thermofisher.com)

**Tribal Healthy Homes Network**—THHN is a clearinghouse for the AIRMATTERs tool kits, technical trainings & expert advice for indoor air quality & healthy home issues. [www.thhnw.org](http://www.thhnw.org)

# Detailed Agenda ~ Monday, May 6

Time	Topic	Location
<b>NOTE: Monday's training sessions will include lunch &amp; breaks on varying schedules. Please see the Registration Table for a copy of the full workshop agenda.</b>		
8:00 am-5:30 pm	<b>Registration and Coffee</b>	Summit Foyer
9:00 am-5:00 pm	<b>Optional Session #1: Introduction to R for Environmental Data Analysis</b> —"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. Presented by: Melinda Ronca-Battista, ITEP; Vallen Cook, Grand Portage Tribe; Dorian Kvale & Kristie Ellickson, Minnesota Pollution Control Agency	Fox
9:00 am-5:00 pm	<b>Optional Session #2: Drones 101 for Air Quality</b> —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! Presented by: Angela Benedict, Saint Regis Mohawk Tribe; Jessica Lewis, Mississippi Band of Choctaw	Cottonwood
12:00 pm-1:00 pm	<b>Optional Tour: Pechanga Recycling and Co-Generation Plant</b> —A walking tour of Pechanga's sustainability initiatives & programs will be led 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.	Meet in hotel lobby
12:00 pm-1:00 pm	<b>Optional Tour: Pechanga Great Oak</b> —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. <b>To protect the oak root system &amp; the leaf litter, please no high-heeled shoes!</b> Maximum 20 people per tour; sign-up at the NTFAQ Registration Table. Presented by: Pechanga Cultural Department Staff	Meet in hotel lobby
1:00 pm-5:00 pm	<b>Optional Session #3: CAA Grants and TAS for Air Quality</b> —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 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 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. Moderated by: Pat Childers, US EPA; Presented by: Monika Lacka, Avi Lapp, & James Payne, US EPA; Frank Spurgeon, La Jolla Band of Indians	Red-tailed Hawk



# Detailed Agenda ~ Monday, May 6, cont.

Time	Topic	Location
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**NOTE: Monday's training sessions will include lunch & breaks on varying schedules. Please see the Registration Table for a copy of the full workshop agenda.**

12:00 pm-1:00 pm	<b>Registration &amp; Exhibits</b>	<b>Summit Foyer</b>
	<b>Lunch (on your own)</b>	
1:00 pm-5:00 pm	<p><b>Optional Vendor-sponsored Session: DR-DAS</b>  <i>Topics include: Envidas Ultimate Digital Data System; Envista Air Resources Manager (ARM) Central Data Management &amp; 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 &amp; how to access the cloud APIs that host sensor data; Making the most of your data to enhance community awareness of environmental conditions &amp; personal actions that can improve these conditions; Q &amp; A session. Join DR DAS representatives on the Pechanga Air Monitoring Station Tour after this presentation to see the equipment in a real-world scenario. Presented by: Andrew Montz, DR DAS</i></p>	<b>Rabbit</b>
1:00 pm-5:00 pm	<p><b>Optional Vendor-sponsored Session: Agilaire</b>  <i>Topics include: Updates to AirVision; Basic overview session for new users focusing on daily activities; Q &amp; A session. Presented by: Steve Drevik, Agilaire</i></p>	<b>Bear</b>
2:00 pm-4:00 pm	<p><b>Optional Vendor-sponsored Session: Ambilabs</b>  <i>Topics include: Planning, Setup, &amp; Operations of the latest "next generation" technologies for PM2.5, PM10, O3, NO, NO2, CO, SO2, VOC's, &amp; meteorological. Additional options such as H2S, CO2, BTEX, &amp; noise also will covered. Presented by: Kyle Hunt, Ambilabs</i></p>	<b>Elderberry</b>
<b>Optional Evening Activities</b>		
5:00-6:00 pm	<p><b>Pechanga Air Monitoring Station Tour</b>  <i>Pechanga air station collects EPA regulatory data on ozone &amp; also samples for PM 2.5 &amp; 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 &amp; a display demonstration featuring the Pechanga air station's new website. This website was designed to disseminate data to the tribal community &amp; inform emergency alerts for bad air quality days. Pechanga air technician, David Newman &amp; 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 Luiseño Indians <b>Meet in hotel lobby</b></i></p>	
5:30-8:30 pm	<p><b>Santa Margarita Ecological Reserve SOLAR Project Tour</b>  <i>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 &amp; fire hazard) &amp; will be working on the restoration of native coastal sage scrub habitat &amp; 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) &amp; follows the contours of the landscape to avoid grading &amp; other negative environmental impacts associated with "green energy" development. Tour will be led by Dr. Matt Rahn, project lead &amp; City Councilman for the City of Temecula. Transportation limited to 20 people; sign-up at the NTFAQ Registration Table. You will 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 <b>Meet in hotel lobby</b></i></p>	



# Detailed Agenda ~ Tuesday, May 7

Time	Topic	Location
8:00 am-5:30 pm	<b>Registration &amp; Exhibits</b>	<b>Summit Foyer &amp; Ballroom</b>
8:00 am-9:00 am	<b>Continental Breakfast</b>	
9:00 am-10:30 am	<b>Opening Plenary Session and Welcome</b> <i>The Forum opens with the raising of the flags, accompanied by bird singers &amp; an invocation. Welcoming remarks will be offered by conference co-hosts.</i>  <i>Panelists: Ann Marie Chischilly, ITEP; Wilfred J. Nabahe, Colorado River Indian Tribes &amp; NTAA Chair; Camille Quickbear, Sisseton Wahpeton Oyate &amp; TAMS Chair; Debbie Jordan, US EPA Region 9 (invited); Kelcey Stricker, Pechanga Band of Luiseño Indians</i>	<b>Summit Ballroom</b>
10:30 am-11:00 am	<b>Keynote Speaker</b>	<b>Summit Ballroom</b>
11:00 am-1:00 pm	<b>Lunch (on your own)</b>	
11:00 am-11:30 am	<b>NTAA Meeting Registration</b> <i>On-site registration for the NTAA Annual Member's meeting; see the NTAA table in the Foyer for more information on membership.</i>	<b>Eagle's View Ballroom</b>
11:30 am-1:00 pm	<b>NTAA Member Meeting and Luncheon (optional)</b> <i>All NTAA Principal Member Tribes are encouraged to participate in the NTAA Working Lunch &amp; provide input on important policy issues impacting tribal governments &amp; air quality programs.</i>	<b>Eagle's View Ballroom</b>
12:00 pm-1:00 pm	<b>Optional Tour: Pechanga Great Oak</b> —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. <b>To protect the oak root system &amp; the leaf litter, please no high-heeled shoes!</b> Maximum 20 people per tour; sign-up at the NTFAQ Registration Table. Presented by: Pechanga Cultural Department <b>Meet in hotel lobby</b>	
1:00 pm-1:15 pm	<b>Transition Break</b>	
1:15 pm-2:30 pm	<b>Networking Clubhouse Discussions</b> <i>Discover the power of networking! Meet &amp; interact with other attendees interested in similar issues as yourself. This unique session was created by tribal professionals to help start conversations &amp; make connections between attendees in a casual setting so that everyone walks away with new relationships &amp; fresh ideas. This is a dynamic, interactive networking opportunity that introduces attendees to each other, aligning similar interests &amp; concerns, &amp; engaging both new &amp; experienced professionals. Be sure to leave your contact information with others so you can connect after the Forum is over too! Moderated by: Andy Bessler, ITEP</i>	<b>Summit Ballroom</b>
2:30 pm-3:00 pm	<b>Refreshment &amp; Networking Break</b> <i>Grab a snack &amp; keep the conversations going, but don't be late for the afternoon sessions! sessions!</i>	<b>Summit Ballroom</b>

**Note: All workshops and breakout sessions are located on the 2nd floor; Exhibits, refreshments, and plenary sessions on 1st floor.**



# Detailed Agenda ~ Tuesday, May 7, cont.

Time	Topic	Location
3:00 pm-4:30 pm	<b>BREAKOUT #1: Air Quality Policy &amp; Regulations</b> Moderated by: Monika Lacka, US EPA	Red-tailed Hawk
	<p><b>Section 103 / 105 Grants and Treatment in a Similar Manner as a State (TAS)</b>—This presentation will delve into the process on Section 103/105 grants &amp; TAS. The goal is to better understand the nuanced world of STAG grant programs &amp; how to optimize opportunities for funding. This session is for new &amp; experienced tribal staff alike &amp; benefits EPA staff as well. Presented by: James Payne, US EPA</p>	
	<p><b>Tribal Perspective: Quapaw Nation's Treatment as a State (or Sovereign) Application to EPA and Lessons Learned</b>—This presentation will provide a tribal perspective on the process for non-regulatory TAS application &amp; implementation, including what has worked, what hasn't, &amp; current efforts to streamline the process. Presented by: Craig Kreman, Quapaw Nation</p>	
	<p><b>Tribal Perspective: Pechanga Band's 105 Grant Program</b>—This presentation will provide an overview of Pechanga's 105 grant program, which has been in place for the last three years &amp; will provide a tribal perspective on the benefits &amp; differences between 105 &amp; 103 grant programs. Presented by: Kelcey Stricker, Pechanga Band of Luiseño Mission Indians</p>	
	<p><b>Class I Re-designation</b>—This session will discuss the Class I re-designations process &amp; where to find the guidance. Presented by: Laura McKelvey, US EPA</p>	
	<p><b>Tribal Perspective: Benefits of a Class I Re-designation</b>—This presentation will describe what a Class I designation is &amp; 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. Presented by: Joe Cebe, Forest County Potawatomi</p>	
3:00 pm-4:30 pm	<b>BREAKOUT #2: Ambient Air Quality</b> Moderated by: Chris Lee, ITEP/TAMS & Farshid Farsi, EPA/TAMS	Elderberry
	<p><b>Regional Haze: Methods, Metrics, and Regulation</b>—This presentation will provide an overview of the science &amp; processes involved in regulating Regional Haze, &amp; also provide demonstrations &amp; 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 &amp; regulated, &amp; potential effects of regulatory actions on tribal Lands. Presented by: Emma Ruppell, Bishop Paiute Tribe</p>	
	<p><b>Tribal Case Study: Solution to Road Dust Problem is Life Changing for NWT Community</b>—This presentation will share a case study of the road dust issue experienced by the community of Deline in the NWT of Canada. Asthma &amp; respiratory problems, potholes &amp; vehicle damage, &amp; dusty, filthy windows &amp; 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, &amp; the ongoing results of the steps taken. Presented by: Freda Taniton, Deline First Nation; John Burnett, Midwest Industrial</p>	
3:00 pm-4:30 pm	<b>BREAKOUT #3: Indoor Air Quality</b> Moderated by: Chris Griffin, US EPA	Cottonwood
	<p><b>Policies on Healthy Homes</b>—This discussion will be a dialogue on why building green healthy homes are a step in the right direction for tribal communities &amp; 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. Presented by: Angela Benedict, SRMT</p>	
	<p><b>IAQ Policies – Prevention and Remediation of Mold</b>—This presentation will explore policy solutions to the prevention &amp; remediation of mold in tribal housing. Model policies from housing authorities, local governments &amp; tribes will be highlighted, building &amp; construction codes that prevent or address water damage will be covered, as well as maintenance policies, tenant protection policies, &amp; tenant responsibility policies. Presented by: Gillian Gawne-Mittelstaedt, Tribal Healthy Homes Network</p>	
	<p><b>EPA Indoor Environments Division Listening Session</b>—EPA's Indoor Environments Division (IED) wants to continue a dialogue and gather feedback on what is, are &amp; could be the most useful to tribes &amp; their communities regarding indoor air quality issues. Attend this session to help EPA answer questions and provide input on IAQ tools and resources that are relevant to tribes. Presented by: Chris Griffin, US EPA; Steve Decina, AAAS Fellow</p>	
	<p><b>Tribal Green Building Tools to Improve IAQ and More</b>—Learn about “quick-win” opportunities as well as standards &amp; tribal building codes &amp; approaches being used by tribes to improve indoor air quality. The session will feature the EPA Tribal Green Building Toolkit, which addresses green building &amp; affordable housing issues. Presented by: Timonie Hood, US EPA</p>	
	<p>&gt;&gt;&gt; Tuesday's schedule continues on next page &gt;&gt;&gt;</p>	

# Detailed Agenda ~ Tuesday, May 7, cont.

3:00 pm-4:30 pm

## **BREAKOUT #4: Climate Change** Moderated by: Nikki Cooley, ITEP

**Rabbit**

**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

**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

**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

## **Optional Evening Activities**

5:00-6:00 pm

**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 Luiseño Indians

**Meet in hotel lobby**

7:00-8:00 pm

**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!

**Summit Ballroom**

## Special Recognition Presentation for the Retirement of Christy JD Nations, ITEP



Ms. Nations was ITEP's first employee, joining ITEP's founding Director, the late Virgil Masayesva, to lay the foundation for the hard work that lay ahead. She is the matriarch of ITEP and has quietly led us through our 27 years.

Join us in honoring her for the legacy she leaves in Indian Country.

**Wednesday, May 8 at 12:00 pm ~ Summit Ballroom**  
(during the Eco-Café Luncheon)



# Notes & Contacts



*>>> Use these blank pages to keep track of contacts you make & topics & ideas that you found noteworthy, inspiring, & intriguing! <<<*

# Detailed Agenda ~ Wednesday, May 8

Time	Topic	Location
8:00 am-8:30 am	<b>Exhibits &amp; Continental Breakfast</b> <i>Enjoy light refreshments while browsing the exhibits.</i>	<b>Summit Foyer &amp; Ballroom</b>
8:30 am-9:30 am	<b>Plenary Session: Health Impacts &amp; Air Quality</b> <i>Moderated by: Lauren Maghran, US EPA</i>	<b>Summit Ballroom</b>
	<p><b>Sick Homes: Health Impacts from Meth Use in Tribal Homes</b>—Methamphetamine (meth) use &amp; production is a growing concern in Indian Country &amp; 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 &amp; elderly if meth has been produced or used in a house. Mr. Thorne will discuss his work in tribal communities cleaning over 800 homes &amp; share what he has seen before &amp; after his work. Presented by: Kameron Thorne, Apple Environmental Inc.</p> <p><b>Health Impacts of Oil and Gas Development on Tribal Lands</b>—What are the expected health impacts of oil &amp; 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. Presented by: Mario Atencio, Navajo Nation Community Member</p>	
9:30 am-10:00 am	<b>Break &amp; Eco-Café Set-up</b>	
10:00 am-12:30 pm	<b>Eco-Café Information Session &amp; Working Lunch (provided)</b> <i>A one-on-one interactive outreach session where participants can network, exchange ideas, &amp; get additional information &amp; resources from a variety of exhibits. Lunch will be provided to all Eco-Café participants &amp; presenters/exhibitors.</i>	<b>Summit Ballroom</b>
	<b>Day 2 Raffle ~ Check the Raffle Winners Board for your ticket number!</b>	
12:30-1:00 pm	<b>Break &amp; Eco-Café Clean-up</b>	
1:00 pm-2:30 pm	<b>BREAKOUT #1: Air Quality Policy &amp; Regulations</b> <i>Moderated by: Ken Israels, US EPA</i>	<b>Red-tailed Hawk</b>
	<p><b>Permit Streamlining Guidance</b>—This session will provide an overview of EPA's recent permit streamlining actions (ambient air, once in always in, etc.) Presented by: Laura McKelvey, US EPA</p> <p><b>Regional Haze Overview</b>—This session will present the current status of the Regional Haze rules. Presented by: Laura McKelvey, US EPA</p> <p><b>Tribal Perspective: Regional Haze and the WRAP</b>—This session will talk about Regional Haze &amp; the Western Regional Air Partnership (WRAP) from the perspective of one Tribe's interests &amp; involvement. The Confederated Salish &amp; 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 &amp; the tribal set aside in the Market Trading Forum. Presented by: Randy Ashley, Confederated Salish &amp; Kootenai Tribes</p> <p><b>Status of Power Plant Rules</b>—This session will provide an overview of the current proposals for power plant rules &amp; what's next. Presented by: Laura McKelvey, US EPA</p> <p><b>Tribal Perspective: EPA Power Plant Rules</b>—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 &amp; 111b impact power plants on the Navajo Nation &amp; how the Nation's regulatory infrastructure will incorporate the rules. Presented by: Eugenia Quintana, Navajo Nation</p> <p><b>Cost-Benefit Analysis Changes/Revised Approaches</b>—This session will provide a brief discussion of the changes for cost-benefit analysis for residual risk &amp; technology reviews. Presented by: Laura McKelvey, US EPA</p>	

>>> Wednesday's schedule continues on following pages >>>

## Eco Café: Menu of Resources

- ✦ **Air Quality Compliance & Enforcement on Gila River Indian Community**
- ✦ **Air Quality Outreach & Education Resources for Tribes**
- ✦ **Alaska Native Tribal Health Consortium (ANTHC)**
- ✦ **Exchange Network Tribal Governance Group (TGG)**
- ✦ **Health Risk of Exposure to Radon Gas**
- ✦ **Healthy Homes, Indoor Air Quality & Inexpensive DIY Air Cleaning Systems**
- ✦ **Itep Interns & Host Sites**
- ✦ **Low Cost Air Quality Monitoring Solutions**
- ✦ **National Tribal Air Association**
- ✦ **Pechanga Tribal Youth Photography**
- ✦ **Solution to Road Dust Problem is Life Changing for NWT Community**
- ✦ **TAMS Center Air Monitoring Support Services**
- ✦ **The VW Settlement Environmental Mitigation Tribal Trust**
- ✦ **Tribal Workshop on Do-It-Yourself Air Cleaners**
- ✦ **US EPA OAQPS Resources**
- ✦ **US EPA ORIA Indoor Air Quality Tribal Feedback**
- ✦ **US EPA's Office of Atmospheric Programs Voluntary Programs & Tools for Tribes**
- ✦ **Western Regional Air Partnership (WRAP) Programs for Tribes**

## Sponsors & Exhibitors

- ✦ **Platinum Sponsor: DR DAS LTD**
- ✦ **Gold Sponsor: Agilaire LLC**
- ✦ **Gold Sponsor: American Ecotech/Ambilabs**
- ✦ **Silver Sponsor: Air Resource Specialists, Inc.**
- ✦ **Silver Sponsor: GrayWolf Sensing Solutions**
- ✦ **Silver Sponsor: Craig Environmental Consulting**
- ✦ **Silver Sponsor: Met One Instruments, Inc**
- ✦ **Silver Sponsor: Procopio LLP**
- ✦ **Silver Sponsor: Teledyne API**
- ✦ **Exhibitor: AARST Foundation**
- ✦ **Exhibitor: Adomani, Inc.**
- ✦ **Exhibitor: Apple Environmental**
- ✦ **Exhibitor: Blue Tomorrow**
- ✦ **Exhibitor: Cal-Bay Controls**
- ✦ **Exhibitor: Lakes Environmental Software**
- ✦ **Exhibitor: Thermo Fisher Scientific**
- ✦ **Exhibitor: Tribal Healthy Homes Network**

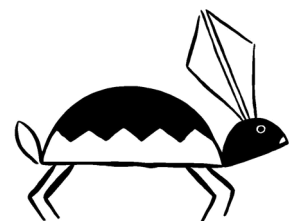


# Notes & Contacts





# Notes & Contacts



# Detailed Agenda ~ Wednesday, May 8, cont.

Time	Topic	Location
1:00 pm-2:30 pm	<p><b>BREAKOUT #2: Ambient Air Quality</b> Moderated by: Chris Lee, ITEP/TAMS &amp; Farshid Farsi, EPA/TAMS</p> <p><b>Tribal Case Study: Equipment Comparison of API T640 vs. Met One BAM 1022/BAM 1020</b>—This presentation will discuss the outcomes of a special study comparing advanced air monitoring sensors to FEM air monitoring equipment deployed by the Quapaw Tribe. Presented by: Craig Kreman, Quapaw Tribe</p> <p><b>Air Quality Sensors: EPA Update</b>—As air sensor technology advances, smaller &amp; 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 &amp; lessons learned from collaborative projects between EPA &amp; community partners. Topics covered will include different types of sensors, successful study design, collecting quality data/quality assurance, collocating sensors with reference monitors &amp; tools available on EPA's Air Sensor Toolbox web page. Presented by: Amanda Kaufman, US EPA OAQPS</p> <p><b>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</b>—Through an EPA STAR grant, 400 low-cost particulate matter sensors &amp; 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, &amp; lessons learned from working with the project participants. 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 participants &amp; how to best collect &amp; interpret sensor data will be incorporated in to the Sensor Educational Toolkit intended to support future community-based air quality sensor projects. Presented by: Vasileios Papapostolou, South Coast Air Quality Management District</p>	Elderberry
1:00 pm-2:30 pm	<p><b>BREAKOUT #3: Indoor Air Quality</b> Moderated by: Julaire Scott, ITEP</p> <p><b>Sick Homes and Communities: Impacts from Meth Use in Tribal Homes</b>—Methamphetamine (meth) use &amp; production is a growing concern in Indian Country &amp; within tribal housing. Meth use impacts homes &amp; communities in a variety of ways including social, cultural, health, legal, &amp; financial. Meth is extremely addictive, trapping our youth, while destroying families &amp; communities. This session will discuss the importance of eliminating meth from your community &amp; how to recognize signs of meth use; how to test for meth contamination; &amp; how to plan meth clean-up activities. The session will include demonstrations of meth testing. Presented by: Kameron Thorne, Apple Environmental Inc.</p>	Cottonwood
1:00 pm-2:30 pm	<p><b>BREAKOUT #4: Climate Change</b> Moderated by: Nikki Cooley, ITEP</p> <p><b>Climate Change "Duh Me!" Test</b>—This presentation will provide attendees with a new method for outreach 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><b>Climate Kids-Tribes</b>—Climate change impacts tribal communities in a variety of different ways including drought, water availability, &amp; heat events which affect food security, public health, &amp; natural resources with social, cultural, &amp; biological significance. Tribal members &amp; tribal environmental professionals working with the Climate Science Alliance expressed the need for science-based education &amp; 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 &amp; curriculum to tribal earth day events, youth field trips, school programs, &amp; community events. During this interactive &amp; hands-on Climate Kids-Tribes training session, participants will come away with lessons on how to effectively deliver climate messaging &amp; activities, as well as access a network of resources that supports dynamic climate engagement efforts. Presented by: Amber Pairis &amp; Alex Warneke, Climate Science Alliance</p>	Rabbit

# Detailed Agenda ~ Wednesday, May 8, cont.

Time	Topic	Location
2:30 pm-3:00 pm	<b>Networking Break</b>	<b>Summit Ballroom</b>
3:00 pm-4:30 pm	<b>BREAKOUT #1: Air Quality Policy and Regulation</b> Moderated by: Craig Kreman, Quapaw Tribe	<b>Red-tailed Hawk</b>
	<p><b>National Rules and Program Overview</b>—During this session, EPA will provide a brief overview of two national mobile source rules: the Cleaner Trucks Initiative (CTI), announced in November 2018, &amp; 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 &amp; update of tribal implementation or consideration of mobile source programs such as Minor NSR Program for new &amp; modified gasoline dispensing facilities located in Indian Country within the State of California, 2018 Unified Agenda of Regulatory &amp; Deregulatory Actions, &amp; consideration of tribes adopting CAA standards under Section 177 of CAA 42 U.S.C. §7507. Presented by: Sarah Sullivant, US EPA &amp; Wilfred J. Nabahe, NTAA</p>	
	<p><b>Stage 2 Vapor Recovery</b>—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 &amp; will cover comments submitted by the Pechanga Band. Presented by: Lisa Beckham, US EPA; Kelcey Stricker, Pechanga Band of Luiseño Mission Indians</p>	
	<p><b>California Air Resources Board (CARB)</b>—This presentation will provide an overview of Mobile Source issues &amp; programs in the State of California. Presented by: Shannon Dille, California Air Resources Board</p>	
	<p><b>Diesel Emissions Reduction Act (DERA)/Volkswagen Settlement</b> —During this session, EPA will provide an overview of the DERA Program &amp; grant requirements, discuss eligible entities, vehicles, equipment, &amp; 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, &amp; an update on the Tribal Advisory Council. Presented by: Lucita Valiere, US EPA; Mark Daniels, ITEP</p>	
	<p><b>Mobile Sources, Beyond National Rules</b>—Mobile Sources are generally regulated at the national level by EPA. Learn how mobile sources affect tribes &amp; air quality programs that tribes can directly get involved in related to gasoline station activities. Presented by: Pat Childers, US EPA</p>	
3:00 pm-4:30 pm	<b>BREAKOUT #2: Ambient Air Quality</b> Moderated by: Chris Lee, ITEP/TAMS & Farshid Farsi, EPA/TAMS	<b>Elderberry</b>
	<p><b>National Air Toxics Assessment Map Tool Demonstration</b>—A quick presentation on the National Air Toxics Assessment (NATA) online map will be followed by live demo of its purpose, use, &amp; ability. The NATA map is an interactive map that lets the user display risks, air emissions, &amp; 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. Presented by: James Payne, US EPA OAQPS</p>	
	<p><b>Pala Tribe's Air Monitoring Program Case Study</b>—The Pala Tribe has been conducting air monitoring since 1996. This session will share information on how the Tribe manages &amp; operates its air monitoring efforts with a one-person staff. Presented by: Darold Wallick, Pala Tribe</p>	
	<p><b>Gila River Indian Community Air Quality Program Projects and Updates</b>—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 &amp; Visibility Image System &amp; IMPACT emissions inventory software tool and other program updates. Presented by: Ryan Eberle, Gila River Indian Community</p>	



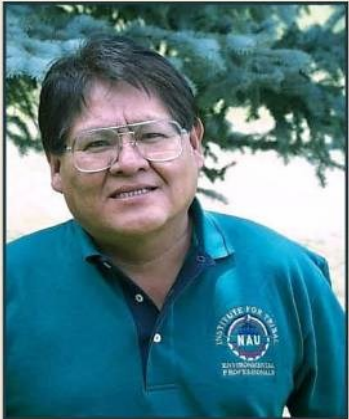
>>> Wednesday's schedule continues on next page >>>

# Detailed Agenda ~ Wednesday, May 8, cont.

Time	Topic	Location
3:00 pm-4:30 pm	<b>BREAKOUT #3: Indoor Air Quality</b> Moderated by: Darrien Benally, ITEP	<b>Cottonwood</b>
<p><b>Getting Youth Involved in a Healthy Schools Project</b>—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 &amp; what she has done within the Coeur d'Alene Tribal School to make an impact. Presented by: Joan Barnowsky, ITEP Intern; Bobbi Anne Barnowsky, Coeur d'Alene Tribal Schools</p>		
<p><b>Indoor and Outdoor Air Monitoring Using Low-Cost Devices</b>—This session will go over the application of low-cost particulate matter monitors in two projects. One project is in partnership with Tulalip Tribes &amp; is focused on preparedness for summer wildfire smoke. The other project is in partnership with Yakama Nation &amp; involves ongoing ambient monitoring, with plans for indoor monitoring. We will discuss challenges &amp; successes in using the monitors, &amp; ideas for future projects. Presented by: Orly Stampfer, University of Washington</p>		
<p><b>Indoor Air Monitoring Instruments</b>—This session will provide attendees an opportunity to see/touch/learn about tools that they could use to sample indoor air quality in homes. Presented by: AJ Salkoski, Alaska Native Tribal Health Consortium</p>		
3:00 pm-4:30 pm	<b>BREAKOUT #4: Climate Change</b> Moderated by: Nikki Cooley, ITEP	<b>Rabbit</b>
<p><b>Tribal Communities as Necessary Agents of Change</b>—This presentation will discuss the urgency of action needed to address the causes of climate change &amp; how indigenous communities can produce capable leaders to promote that action. Presented by: Ted Griswold, Procopio</p>		
<p><b>Engaging Youth on Climate Change</b>—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 &amp; some short hands-on activities. Weather permitting, enjoy a solar cooking demonstration &amp; learn about an environmental monitoring program. Presented by: Mansel Nelson &amp; Julaire Scott, ITEP</p>		
6:00-8:30 pm	<b>Virgil Masayesva Tribal Air Programs Excellence Award Ceremony and Dinner with Cultural Performance</b>	<b>Summit Ballroom</b>
<p>The Virgil Masayesva Tribal Air Programs Excellence Award recognizes outstanding contributions by tribes to advance the protection of air quality, health and the environment across Indian Country. The awardee is selected by the TAMS Steering Committee from the nominations of tribal environmental staff, tribal air programs, or other environmental professionals that have demonstrated leadership and dedication in tribal air programs.</p>		
<p style="text-align: center;"><b>2019 Awardee:</b></p> <p style="text-align: center;"><b>Gillian Gawne-Mittelstaedt, Tribal Healthy Homes Network</b></p>		
<p style="text-align: center;"><u>Program Agenda:</u>          6:00 pm—Welcome          6:15 pm—Buffet Dinner &amp; Virgil Masayesva Memorial Slideshow          6:45 pm—Cultural Performance          7:30 pm—History &amp; Presentation of Award          8:00 pm—Receiving Line &amp; Honor Song</p>		



# Virgil Masayesva Tribal Air Programs Excellence Award



Presented in Memory of  
**Virgil Masayesva**  
1948 - 2005



*"Perhaps by doing our one small part, we become part of an entire nation of people tending to their small circle of life, and in doing so, we join in the most effective kind of collective, taking the local, individual actions that, together, help to improve the lives of all people."*

Virgil Masayesva

Hopi Tribal Member  
Co-Founder and Director  
Institute for Tribal Environmental Professionals



***This award is presented in honor & memory of Mr. Virgil Masayesva (Hopi), co-founder & former director of the Institute for Tribal Environmental Professionals (ITEP). Mr. Masayesva was a member of the Hopi Tribe & a decorated Vietnam veteran. In his role as special assistant to NAU President Eugene Hughes, he co-founded ITEP in 1992 with a vision of enhancing tribal sovereignty by helping tribes build environmental management capacity. He was instrumental in the development of ITEP's training & outreach programs, including the TAMS Center, & many other projects dedicated to the protection of tribal environmental resources & cultures. Through his innovation, hard work & commitment, Virgil changed the direction of environmental management in Indian country forever.***

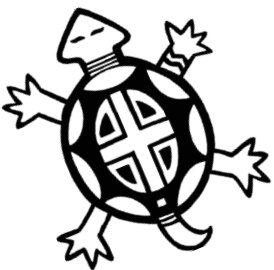
## 2019 Award Recipient:

Gillian Gawne-Mittelstaedt, Tribal Healthy Homes Network



**Gillian Gawne-Mittelstaedt** is Executive Director of the Tribal Healthy Homes Network (THHN), a non-profit organization that works to prevent exposure to indoor air hazards, through training, education, community-based research & the development of culturally-tailored interventions. Ms. Mittelstaedt also established & leads the Partnership for Air Matters, a collaborative that provides low-cost indoor air quality "toolkits" that inform, educate & empower at-risk families. The THHN was originally conceived when she led the Tulalip Tribe's Indoor Air Program, conducting IAQ outreach & assessments in tribal homes. She has worked in the field of indoor air quality for over 20 years, working to expose & address the link between indoor air pollution & high rates of asthma & other health issues in Native American communities. Under her guidance, the THHN has developed numerous practical resources for tribes & served over 200 tribal communities across the nation, including Alaska, by providing peer-to-peer learning & information-sharing opportunities to aid tribes identifying steps to improve the health of their members. In support of her local, regional, & national work on healthy homes, Gillian has served on numerous boards, committees, & coalitions to ensure that indoor air quality concerns are given due consideration as having a direct impact on the health & well-being of all Americans. She, & the programs & initiatives she has led, have garnered numerous awards & accolades, including the EPA's Clean Air Act Advisory Council's Clean Air Excellence Award for Education & Outreach, & the HUD Secretary's Award for Healthy Homes. **She is being awarded the Virgil Masayesva Tribal Air Programs Excellence Award for in recognition of her extensive & tireless efforts to both educate & advocate for most basic of human rights: the right to breathe.**

# Notes & Contacts



# Detailed Agenda ~ Thursday, May 9

Time	Topic	Location
8:00 am-8:30 am	<b>Exhibits &amp; Continental Breakfast</b> <i>Enjoy light refreshments while browsing the exhibits.</i>	<b>Summit Foyer &amp; Ballroom</b>
8:30 am-9:30 am	<b>Plenary Session: Wildfire Smoke-Ready Tribal Communities</b>  <i>Moderated by: Kris Ray, Colville Confederated Tribes</i>  <b>Exploring a Smoke-Ready Communities Program</b> —As large wildfires are becoming more prevalent, areas that are not traditionally impacted by wildfires can be inundated with smoke and community leaders may be unprepared to respond. With public health in mind, EPA and our partners are coming together to explore what a voluntary program would look like to prepare communities ahead of a wildfire smoke event. We reached out to our stakeholders and gathered the key components necessary for a community to be “Smoke Ready”. Presented by: Ali Kamal, PhD, US EPA  <b>Air Resource Advisors Air Modeling Tools</b> —The US Forest Service’s Interagency Wildland Fire Air Quality Response Program was created to directly assess, communicate, and address risks posed by wildland fire smoke to the public as well as fire personnel. The program depends on four primary components: specially trained personnel called Air Resource Advisors, air quality monitoring, smoke concentration and dispersion modeling, and coordination and cooperation with agency partners. Presented by: Nathan Kilger, Bad River Band of Chippewa	<b>Summit Ballroom</b>
9:30 am-10:00 am	<b>Networking Break</b>	<b>Summit Ballroom</b>
10:00 am-11:30 am	<b>BREAKOUT #1: Air Quality Policy and Regulation</b> <i>Moderated by: Wilfred J. Nabahe, Colorado River Indian Tribes</i>  <b>A Tribal Perspective: Airshed Designations</b> —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. Presented by: Kelcey Stricker, Pechanga Band of Luiseño Mission Indians  <b>A Tribal Perspective: Insight to EPA's Advance Program</b> —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. Presented by: Craig Kreman, Quapaw Nation  <b>TIPS for Open Burning</b> —This presentation will share the Swinomish Tribe's experience with Tribal Implementations Plans. Presented by: Scott Andrews, Swinomish Indian Tribal Community  <b>California Air Resources Board</b> —This presentation will talk about how California structures its State Program to implement the NAAQS, including its rulemaking processes, and how it engages the tribes. Presented by: Shannon Dilley, California Air Resources Board	<b>Red-tailed Hawk</b>
10:00 am-11:30 am	<b>BREAKOUT #2: Ambient Air Quality</b> <i>Moderated by: Chris Lee, ITEP/TAMS &amp; Farshid Farsi, EPA/TAMS</i>  <b>Catawba Tribal Air Program Case Study</b> —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. Presented by: Scott Hansen, Catawba Tribe  <b>National Renewable Energy Lab's Tribal Energy Atlas Tool Demonstration</b> —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. Presented by: James Payne, US EPA OAQPS  <b>TAMS Center Tools and Resources</b> —An overview of the TAMS Center's various support tools for tribal air monitoring activities will be provided, including: online training, technical assistance, software & resources. Share your ideas and suggestions for other support needed, and interact with other who are interested in air monitoring and data management topics. Presented by: Melinda Ronca-Battista, ITEP/TAMS	<b>Elderberry</b>

>>> Thursday’s schedule continues on next page >>>



# Detailed Agenda ~ Thursday, May 9, cont.

Time	Topic	Location
10:00 am-11:30 am	<b>BREAKOUT #3: Indoor Air Quality</b> Moderated by: Natalia Shaw, ITEP	Cottonwood
	<p><b>Communicating Risk and Reducing Exposure During Wildfires and Episodes of Poor Air Quality—</b>  <i>In this session, we will explore three methods for communicating risk &amp; reducing exposure. With increasing frequency &amp; severity of wildfires, in addition to ongoing woodsmoke challenges, thousands of tribal families are impacted by unhealthy levels of ambient &amp; indoor air quality. Presented by: Gillian Gawne-Mittelstaedt &amp; Aileen Gagney, Tribal Healthy Homes Network; Orly Stampfer, University of Washington; Darrien Benally, ITEP</i></p> <p><b>Residential Wood Smoke Interventions Improving Health in Native American Populations: An IAQ Study on the Navajo Nation—</b>  <i>Residential wood stove PM2.5 exposures are common among rural Native American communities, &amp; 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 &amp; respiratory health among elderly Navajo. Presented by: Eugenia Quintana &amp; Nolan Hoskie, Navajo Nation</i></p>	
10:00 am-11:30 am	<b>BREAKOUT #4: Air Permitting for Oil &amp; Gas</b> Moderated by: Nikki Cooley, ITEP	Rabbit
	<p><b>Air Permitting of Oil and Gas Operations on Tribal Lands: Coordination of Tribal, Federal and State Programs, Community Engagement—</b>  <i>The panel will discuss the need for coordination among the several agencies at the federal, tribal &amp; state levels as they &amp; the affected community engage around the issues of air permitting in the face of a dramatic increase in proposed oil &amp; gas operations on &amp; near tribal lands. What will be the regulatory approach? How will affected communities be able to understand &amp; engage in these activities? How do the programs take into account the complex mix of trust, allotment, fee, public &amp; private lands in which oil &amp; gas operations are being proposed &amp; taking place? How does environmental justice affect the process? Panelists: Richard Grow &amp; Lisa Beckham, US EPA; Tennille Denetdeel &amp; Mario Atencio, Navajo Nation</i></p>	
11:30 am-1:00 pm	<b>LUNCH (on your own)</b>	
	<b>Optional Activities:</b>	
12:00 pm-1:00 pm	<p><b>Optional Tour: Pechanga Recycling and Co-Generation Plant—</b>  <i>A walking tour of Pechanga's sustainability initiatives &amp; programs will be led by the Pechanga Resort &amp; 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 &amp; recycling facilities, &amp; other unique features. Along with a recent expansion of commercial activities &amp; properties, Pechanga is increasing its commitment to sustainability through improved environmental, economic, &amp; social programs. This tour is a great opportunity to learn about the planning &amp; 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. <b>Meet in hotel lobby</b></i></p>	
12:00 pm-1:00 pm	<p><b>Optional Tour: Pechanga Great Oak—</b>  <i>Visit the Great Oak, a cultural treasure &amp; 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. <b>To protect the oak root system &amp; the leaf litter, please no high-heeled shoes!</b> Maximum 20 people per tour; sign-up at the NTFAQ Registration Table. <b>Meet in hotel lobby</b></i></p>	



# Detailed Agenda ~ Thursday, May 9, cont.

Time	Topic	Location
1:00 pm-2:00 pm	<p><b>Plenary Session: Tribal Air Big Ideas</b></p> <p><i>This session will feature speakers presenting big ideas that impact tribal air quality now &amp; in the future. Each speaker will briefly present their thought-provoking &amp; inspirational idea. This plenary session should instigate discussions between all participants to help move them forward in efforts to address air quality.</i></p> <p><i>Moderated by: Kris Ray, Colville Confederated Tribes; 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 &amp; Fox Nation</i></p>	<b>Summit Ballroom</b>
2:00 pm-2:30 pm	<p><b>Young Environmental Professionals</b></p> <p><i>The passing down of knowledge to numerous generations &amp; 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 &amp; knowledge sharing are important for all of us, both young professionals starting their path &amp; elders approaching the end of their paths. Presented by: Darrien Bennally &amp; Natalia Shaw, ITEP</i></p>	
2:30 pm-3:15 pm	<p><b>Closing Session &amp; Final Raffle</b></p> <p><i>Thank you to all who attended &amp; contributed to this event! Be sure to stay for the final (and best!) raffle prizes, which will be drawn before we adjourn. <b>Bring your nametag to use as your raffle ticket for the final drawing!!!</b></i></p>	

## "Breath of Fresh Air 5K Fun Run/Walk" (optional)

Free for NTFAQ Attendees & PBLI Community Members!

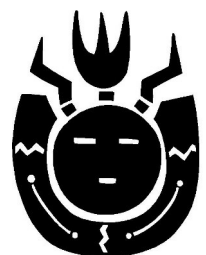
Registration & Start Line at the Pechanga Resort's Journey's End Clubhouse  
(Outside near the bridge)

**Registration Opens at 5:30 pm, Run/Walk starts at 6:00 pm!**

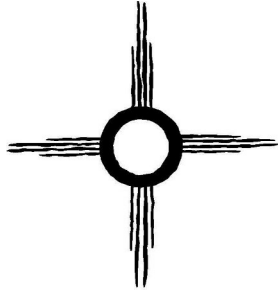
Thank you for joining us—we hope you found what you were looking for!

If not, be sure to let us know how to improve things for next year. Visit the NTFAQ website to download presentations & other resources from this year's Forum.

[nau.edu/NTFAQ](http://nau.edu/NTFAQ)



# Notes & Contacts



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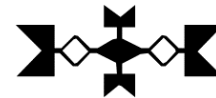
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# Common Acronyms Heard at the NTFAQ

AQI	Air Quality Index
AQS	Air Quality System
ANTHC	Alaska Native Tribal Health Consortium
AIAQTP	American Indian Air Quality Training Program
CARB	California Air Resources Board
CAA	Clean Air Act
CAAAC	Clean Air Act Advisory Committee
CASTNet	Clean Air Status & Trends Network
CFR	Code of Federal Regulations
DERA	Diesel Emissions Retrofit Act
EPA	Environmental Protection Agency
FIP	Federal Implementation Plan
GAP	General Assistance Program (EPA grants)
GHG	Greenhouse Gasses
HAPs	Hazardous Air Pollutants
HUD	Housing & Urban Development
IED	Indoor Environments Division
ITEP	Institute for Tribal Environmental Professionals
NAAQS	National Ambient Air Quality Standards
NACAA	National Association of Clean Air Agencies
NADP	National Atmospheric Deposition Program
NCRFO	National Center for Radiation Field Operations
NCAI	National Congress of American Indians
NESHAPS	National Emissions Standards for Hazardous Emissions Standards
NEIEN	National Environmental Information Exchange Network
NREL	National Renewable Energy Laboratory
NTAA	National Tribal Air Association
NSPS	New Source Performance Standards
NSR	New Source Review
OAR	Office of Air & Radiation
OAQPS	Office of Air Quality Planning & Standards
OCSPP	Office of Chemical Safety & Pollution Prevention
OEI	Office of Environmental Information
OEJ	Office of Environmental Justice
OITA	Office of International & Tribal Affairs
ORIA	Office of Radiation & Indoor Air
ORD	Office of Research & Development
PPG/PPA	Performance Partnership Grant/Performance Partnership Agreement
PTE	Potential to Emit
PSD	Prevention of Significant Deterioration
PQAO	Primary Quality Assurance Organization
QAPP	Quality Assurance Project Plan
SOP	Standard Operating Procedure
SIP	State Implementation Plan
STAG	State and Tribal air Grangs
TAS	Treatment As a State
TAMS	Tribal Air Monitoring Support (Center)
TAR	Tribal Authority Rule
TIP	Tribal Implementation Plan
USET	United South & Eastern Tribes
USDA	US Department of Agriculture
WRAP	Western Regional Air Partnership

# About ITEP



The Institute for Tribal Environmental Professionals (ITEP) was created to act as a catalyst among tribal governments, the research & technical resources at Northern Arizona University (NAU), federal, state & local agencies, & the private sector, to support the protection of Native American natural resources. ITEP was established at NAU in 1992 through a Memorandum of Understanding (MOU) with EPA that was renewed again in 2012. ITEP staff work to accomplish the mission by coordinating a variety of programs & projects addressing air quality, climate change, solid & hazardous waste, & education/outreach, among others. Below is an overview of the efforts ITEP uses to help tribes address air quality concerns.

***Our Mission: to strengthen tribal capacity & sovereignty in environmental & natural resource management through culturally relevant education, research, partnerships & policy-based services.***

## **Air Quality Training:**

ITEP's American Indian Air Quality Training Program (AIAQTP) provides training & educational outreach for tribal environmental staff all over the US, including Alaska. The various projects & services offered help the AIAQTP to assist in building tribal capacity in air management through high-quality training & support services that promote collaboration & net-working among tribes, EPA & other entities. The AIAQTP hosts in-person & on-line training courses, provides professional & technical assistance, coordinates college student internship projects, & co-hosts the National Tribal Forum on Air Quality.

## **Tribal Air Monitoring Support (TAMS) Center:**

One of the key components of ITEP's air quality program is the Tribal Air Monitoring Support (TAMS) Center which was created in 1999 through a partnership between US EPA & Tribes. It is the first technical training center designed specifically to meet the needs of tribes involved in air quality management & offers an array of training & support services to tribal air professionals. Housed in Las Vegas at the EPA National Center for Radiation & Field Operations, the TAMS Center is an integral component of the AIAQTP & with the guidance of the TAMS Tribal Steering Committee, provides input & direction to ITEP's air quality training & technical assistance activities.

## **Climate Change:**

ITEP has developed a resource & training program to address tribal climate change issues. ITEP's efforts strive to help tribes to better understand climate change & to develop strategies for dealing with changing climate patterns through adaptation & mitigation, & emphasizes both science & traditional knowledge.

## **Education & Outreach:**

The purpose of the Environmental Education Outreach Program (EEOP) is to interest Native American students in environmental careers & to assist schools in improving environmental science literacy through experiential programs in classrooms, in the field, & on the NAU campus. The EEOP staff also offer summer internships for college students that address air quality & climate change topics & support tribal programs.

## **Exchange Network:**

ITEP's works with National Environmental Information Exchange Network (NEIEN) effort through support from EPA's Office of Information Management. ITEP staff are working closely with the NEIEN Tribal Governance Group & other stakeholders to coordinate outreach & mentoring efforts, & to identify ways to enhance tribal involvement & make NEIEN projects sustainable into the future.

***Please speak with any of our staff representatives for more information about ITEP & its services for tribes.  
nau.edu/itep | facebook.com/ITEPnau | itep@nau.edu***



# About NTAA



The National Tribal Air Association (NTAA) is the nation's second largest Tribal membership organization dedicated to advancing air quality management policies & programs, consistent with the needs, interests, & unique legal status of American Indian Tribes & Alaskan Natives. The NTAA was formed in 2002, is funded through a grant by the US Environmental Protection Agency & is administered by the Institute for Tribal Environmental Professionals. NTAA is a leading voice for Tribal air quality issues, programs, & policies through policy analysis & disseminating information on key Tribal air issues. The NTAA is governed by the Executive Committee. The Executive Committee is comprised of a primary & an alternate representative from each EPA Region (10

Regions) & delegates from Alaska. Executive Committee members are selected by the Tribes in their respective regions. As a membership organization, principle membership is open to federally recognized Tribes. NTAA currently has 140 principal member Tribes. The Executive Committee directs the activities of the NTAA & is comprised of tribal professionals representing the 10 EPA regions & Alaska. For more information about NTAA, please visit our websites at [www.ntaatribalair.org](http://www.ntaatribalair.org) & [www.tribalairquality.org](http://www.tribalairquality.org).

## **NTAA Executive Committee Members:**

- ^ Bill Thompson, Penobscot Indian Nation, Region 1
- ^ Marvin Cling, Passamaquoddy Tribe at Pleasant Point, Region 1 (Alternate)
- ^ Angela Benedict, Saint Regis Mohawk Tribe, Region 2 (Secretary)
- ^ Steven Smith, Shinnecok Indian Nation, Region 2 (Alternate)
- ^ Tiffany Janes, Poarch Band of Creek Indians, Region 4 (Alternate)
- ^ Scott Hansen, Catawba Indian Nation, Region 4 (Treasurer)
- ^ Brandy Toft, Leech Lake Band of Ojibwe, Region 5 (Vice Chair)
- ^ Joy Wiecks, Fond du Lac Band of Lake Superior Chippewa (Alternate)
- ^ Craig Kreman, Quapaw Tribe of Oklahoma, Region 6
- ^ Cheryl Atcitty, Taos Pueblo, Region 6 (Alternate)
- ^ Billie Toledo, Prairie Band Potawatomi Nation, Region 7
- ^ Tanner Zach, Santee Sioux Nation, Region 7 (Alternate)
- ^ Randy Ashley, Confederated Salish & Kootenai Tribes, Region 8
- ^ Linda Weeks Reddoor, Fort Peck Assiniboine-Sioux Tribes, Region 8 (Alternate)
- ^ Wilfred J. Nabahe, Colorado River Indian Tribes, Region 9 (Chairman)
- ^ John C. Parada, Augustine Band of Cahuilla Indians, Region 9 (Alternate)
- ^ Maggie Sanders, Nisqually Indian Tribe Region 10
- ^ Allie McLaughlin, Quinault Indian Nation (Alternate)
- ^ Mary Mullan, Alaska Native Tribal Health Association, Alaska
- ^ Ann Wyatt, Klawock Cooperative Association, Alaska (Alternate)



## **NTAA Policy Advisory Committee:**

NTAA's Policy Advisory Committee enhances & strengthens NTAA's policy support by crafting air quality & climate change policy recommendations for tribal governments & providing policy advice to the NTAA Executive Committee. These technical & policy experts work with the NTAA Executive Committee & NTAA staff to craft Policy Response Kits, White Papers & other policy support.

- ^ Pilar Thomas, of Counsel at Lewis Roca Rothgerber Christie, LLP
- ^ Dr. David LaRoche, US EPA (Retired)
- ^ Ann Marie Chischilly, ITEP Executive Director
- ^ Brandon Sousa, Jill Grant & Associates
- ^ Bill Auberle, Professor Emeritus at Northern Arizona University & founder of EN3 Professionals, LLC

## **NTAA Staff:**

- ^ Andy Bessler, Project Director
- ^ Jaime Yazzie, Program Coordinator, Senior
- ^ Dara Marks-Marino, Research Specialist
- ^ Carli Martinez, NTAA Website Support

Visit us online at [www.ntaatribalair.org](http://www.ntaatribalair.org) & [www.tribalairquality.org](http://www.tribalairquality.org)!

# NTAA Member Tribes

## Region 1

- ▲ Houlton Band of Maliseet Indians
- ▲ The Mohegan Tribe
- ▲ Passamaquoddy Tribe at Pleasant Point
- ▲ Penobscot Indian Nation

## Region 2

- ▲ Seneca Nation of Indians
- ▲ Saint Regis Band of Mohawk Indians
- ▲ Shinnecock Indian Tribe

## Region 4

- ▲ Catawba Indian Nation
- ▲ Eastern Band of Cherokee
- ▲ Miccosukee Indian Tribe of Florida
- ▲ Poarch Band of Creek Indians

## Region 5

- ▲ Bad River Band of Lake Superior Tribe of Chippewa Indians
- ▲ Bois Forte Band of Chippewa
- ▲ Fond du Lac Band of Lake Superior Chippewa
- ▲ Forest County Potawatomi Community
- ▲ Grand Portage Band of Lake Superior Chippewa
- ▲ Grand Traverse Band of Ottawa & Chippewa Indians
- ▲ Keweenaw Bay Indian Community
- ▲ Lac du Flambeau Band of Lake Superior Chippewa Indians
- ▲ Leech Lake Band of Ojibwe
- ▲ Little Traverse Bay Bands of Odawa Indians
- ▲ Lower Sioux Indian Community
- ▲ Match-E-Be-Nash-She-Wish Band of Pottawatomi Indians
- ▲ Menominee Indian Tribe of Wisconsin
- ▲ Oneida Tribe of Indians of Wisconsin
- ▲ Red Lake Band of Chippewa Indians
- ▲ Saginaw Chippewa Indian Tribe of Michigan
- ▲ Sault Tribe of Chippewa Indians
- ▲ Shakopee Mdewakanton Sioux Community
- ▲ St. Croix Chippewa Indian of Wisconsin
- ▲ White Earth Nation

## Region 6

- ▲ Caddo Nation of Oklahoma
- ▲ Cherokee Nation of Oklahoma
- ▲ Choctaw Nation of Oklahoma
- ▲ Citizen Potawatomi Nation
- ▲ Delaware Nation of Oklahoma
- ▲ Fort Sill Apache Tribe of Oklahoma
- ▲ Iowa Tribe of Oklahoma
- ▲ Modoc Tribe of Oklahoma
- ▲ Ohkay Owingeh
- ▲ Pueblo of Acoma
- ▲ Pueblo of Jemez
- ▲ Pueblo of Laguna
- ▲ Pueblo of Pojoaque
- ▲ Pueblo of Santa Ana
- ▲ Pueblo of Santo Domingo
- ▲ Pueblo of Zuni
- ▲ Quapaw Tribe Of Oklahoma
- ▲ Sac & Fox Nation
- ▲ Seminole Nation of Oklahoma
- ▲ Taos Pueblo
- ▲ United Keetoowah Band of Cherokee Indians

## Region 7

- ▲ Kickapoo Tribe in Kansas
- ▲ Ponca Tribe of Nebraska
- ▲ Prairie Band Potawatomi Nation
- ▲ Sac & Fox Tribe of the Mississippi in Iowa/Meskwaiki
- ▲ Sac & Fox Nation of Missouri in Kansas & Nebraska
- ▲ Santee Sioux Nation
- ▲ Winnebago Tribe of Nebraska

## Region 8

- ▲ Confederated Salish & Kootenai Tribes
- ▲ Fort Belknap Indian Community
- ▲ Fort Peck Tribes of Assiniboine & Sioux Tribe
- ▲ Northern Cheyenne Tribe
- ▲ Northwestern Band of Shoshone Nation
- ▲ Sisseton Wahpeton Oyate
- ▲ Southern Ute Indian Tribe
- ▲ Standing Rock Sioux Tribe
- ▲ Ute Indian Tribe
- ▲ Ute Mountain Ute Tribe

## Region 9

- ▲ Ak-Chin Indian Community
- ▲ Big Pine Paiute Tribe of the Owens Valley
- ▲ Bishop Paiute Tribe
- ▲ Blue Lake Rancheria
- ▲ Cahuilla Band of Indians
- ▲ Campo Band of Mission Indians
- ▲ Colorado River Indian Tribes
- ▲ Cortina Indian Rancheria of Wintun Indians
- ▲ Coyote Valley Band of Pomo Indians
- ▲ Elk Valley Rancheria
- ▲ Gila River Indian Community
- ▲ Habematolel Pomo of Upper Lake
- ▲ Hoopa Valley Tribe
- ▲ Hualapai Tribe
- ▲ La Posta Band of Mission Indians
- ▲ Lone Pine Paiute Shoshone Reservation
- ▲ Los Coyotes Band of Cahuilla Cupeno Indians
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- ▲ Moapa Band of Paiutes
- ▲ Morongo Band of Mission Indians
- ▲ Pala Band of Mission Indians
- ▲ Pechanga Band of Luiseño Indians
- ▲ Pyramid Lake Paiute Tribe
- ▲ Robinson Rancheria of Pomo Indians
- ▲ Soboba Band of Luiseño Indians
- ▲ Susanville Indian Rancheria
- ▲ Tejon Indian Tribe
- ▲ Utu Utu Gwaitu Paiute Tribe
- ▲ Walker River Paiute Tribe
- ▲ Washoe Tribe of Nevada & California
- ▲ White Mountain Apache Tribe
- ▲ Yavapai-Apache Nation
- ▲ Intertribal Council of Arizona (non-member affiliate)

## Region 10

- ▲ Coeur d'Alene Tribe
- ▲ Confederated Tribes of Warm Springs
- ▲ Confederated Tribes of the Colville Reservation
- ▲ Confederated Tribes of the Coos, Lower Umpqua & Siuslaw Indians
- ▲ Kootenai Tribe of Idaho
- ▲ Makah Indian Tribe
- ▲ Nez Perce Tribe
- ▲ Nisqually Tribe
- ▲ Quinalt Indian Nation
- ▲ Samish Indian Nation
- ▲ Shoshone-Bannock Tribes
- ▲ Spokane Tribe
- ▲ Tulalip Tribes
- ▲ Yakama Nation

## Alaska

- ▲ Aleknagik Traditional Council
- ▲ Alutiiq Tribe of Old Harbor
- ▲ Bristol Bay Native Association
- ▲ Chickaloon Village Traditional Council
- ▲ Craig Tribal Association
- ▲ Inupiat Community of the Arctic Slope
- ▲ Klawock Cooperative Association
- ▲ Native Village of Buckland
- ▲ Native Village of Kiana
- ▲ Native Village of Kivalina (IRA)
- ▲ Native Village of Kluti-Kaah
- ▲ Native Village of Kwinhagak
- ▲ Native Village of Noatak
- ▲ Native Village of Nuiqsut
- ▲ Native Village of Selawik
- ▲ Native Village of Shungnak
- ▲ Native Village of Tyonek
- ▲ Noorvik Native Community
- ▲ Nulato Tribal Council
- ▲ Orutsararmuit Native Council
- ▲ Qawalangin Tribe of Unalaska
- ▲ Seldovia Village Tribe
- ▲ Ugashik Traditional Village
- ▲ Village of Aniak
- ▲ Wrangell Cooperative Association







## NOTICE for Federally-Recognized Tribes: Volkswagen Environmental Mitigation Trust Funds Available for Indian Tribe Beneficiaries until 2021

On **October 2, 2017** (The Original Trust Effective Date), the United States District Court of Northern California approved the final Mitigation Trust Agreements, completing the settlement with automaker Volkswagen AG (VW), to resolve allegations that VW violated the Clean Air Act (CAA) by selling diesel-engine cars that produced excess emissions of oxides of nitrogen (NOx). The Mitigation Trust Agreements are designed to reduce NOx emissions from older diesel engines, thereby mitigating the effects of the VW violations. On **November 16, 2018** the U.S. District Court of Northern California approved an order to **modify** the original Trust Agreement. The modified Trust Agreement is designed primarily to revise the allocation factors to more equitably distribute funds to tribes, both large and small, interested in conducting environmental mitigation projects.

For more information about this historic settlement please see the Environmental Protection Agency's Clear Air Act Civil Settlement website at: <https://www.epa.gov/enforcement/volkswagen-clean-air-act-civil-settlement>.

### What Projects are Eligible?

There are 9 Eligible Mitigation Actions, plus the DERA Option. ITEP can assist Tribes determine what vehicles and equipment are eligible.

The 9 categories are:

- Class 8 Large Trucks;
- Class 4-8 School Bus, Shuttle Bus, Transit Bus
- Freight Switchers;
- Ferries/Tugs;
- Ocean Going Vessels Shorepower;
- Class 4-7 Medium Trucks;
- Airport Ground Support Equipment;
- Forklifts and Port Cargo Handling Equipment;
- Light Duty Zero Emission Vehicle Supply Equipment.

For more details on these categories and the entire settlement, see Appendix D-2 of the Environmental Mitigation Trust Agreement for Indian Tribe Beneficiaries here:

<http://www7.nau.edu/itep/main/volkswagensettlement/D2>

**DERA Option:** For all other diesel-related equipment, Tribes must apply first to the EPA's **Diesel Emissions Reduction Act** (DERA) Clean Diesel Grant Program. More information on DERA can be found here: (<https://www.epa.gov/cleandiesel/volkswagen-vw-settlement-dera-option>).

### Amount allocated to Tribes: \$55 million

- Tribes can apply for funding to replace eligible diesel vehicles and equipment and ITEP can help with the application process.

**Time frame:** Direct funding for tribes will be distributed over 4-5 years. For the first year of funding, applications for Eligible Mitigation Actions were due by 5 pm ET on January 2, 2018.

**For rounds 2 - 4: Notification to Tribes shall be posted on the Trustee's public website January 15th annually.**

If after the 4th year (2021) there are remaining funds, the funding will be available for 1 more year so Tribes can access any remaining funds.



## How Can Tribes Apply to Become Beneficiaries?

All federally-recognized Tribes and Alaskan Native Villages can apply for beneficiary status. Required forms are posted on the trustee website as well as on the ITEP VW Settlement website.

The following forms must be submitted by Tribes:

- Incumbency Certificate: This Trustee form must be provided to Wilmington Trust electronically via email.
- Appendix D3: Certification for Beneficiary Status to the U.S. District Court for the Northern District of California
- Appendix D4: Beneficiary Eligible Mitigation Action Certification to the Trustee with attachments including A-F.

After projects are funded, Tribes must submit a report with an account of how the funds were used and must return unused funds to the trustee.



**VW Settlement Trustee:** Wilmington Trust, N.A. was selected as the trustee of the funds. For more information about the role of the trustee, FAQ, and other resources please visit the Wilmington Trust, N.A. VW Environmental Mitigation Trust for Indian Tribe Beneficiaries website at:

<https://www.vwenvironmentalmitigationtrust.com/tribe-trust>

### Technical Assistance Provider for Tribes:

The Institute for Tribal Environmental Professionals (ITEP) was selected to provide technical assistance to Tribes. Technical assistance includes outreach to tribes, trainings, and one-on-one assistance with the application process. Technical assistance is available at **no cost** to Tribes.

Please visit ITEP's Volkswagen Settlement website for introductory trainings, recorded webinars and other resources: [nau.edu/itep-vw](http://nau.edu/itep-vw)



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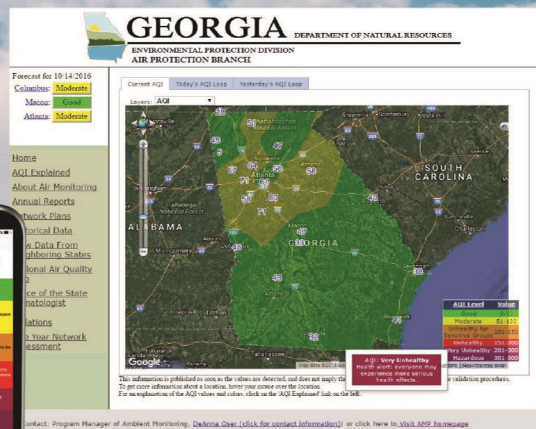
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# Notes & Contacts







**THE PECHANGA BAND OF LUISEÑO INDIANS**

**HOSTS THE 4<sup>TH</sup> ANNUAL**

**NATIONAL TRIBAL FORUM ON AIR QUALITY'S**

***BREATH OF FRESH AIR***

***5K FUN RUN/WALK***

***Thursday May 9, 2019***

**5:30 pm Registration Open**

**6:00 pm Run/Walk Start Time**

**Free for NTFAQ Attendees &  
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**Registration and Start Line  
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Location: NTFAQ Training Rooms

May 7th and 8th: Visit us at Table #2



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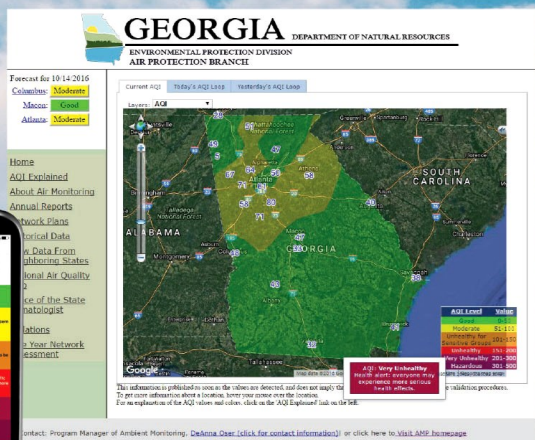
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# Special Thanks...

ITEP & NTAA would like to extend special thanks to the following entities that helped plan, orchestrate, and otherwise make this conference a success!

**The Pechanga Band of Luiseño Indians, the Pechanga Resort & Casino, the NTFAQ Conference Planning Team, and all of the sponsors, exhibitors, presenters, panelists, and volunteers.**

## 2019 NTFAQ Sponsors



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