



Summary Report:

2023 NTFAQ & NTAA Annual Member Tribe Meeting



The NTFAQ is a cooperative endeavor co-sponsored by the Institute for Tribal Environmental Professionals (ITEP) and the National Tribal Air Association (NTAA) with funding made available by the US Environmental Protection Agency (EPA) and the generous contributions of our sponsors.

Table of Contents

Introduction	2
Tribes & Tribal Organizations Represented at the 2023 NTFAQ.....	3
Other Entities Represented at the 2023 NTFAQ	5
The 2023 NTAA Annual Member Tribe Meeting	6
Appendix A: Agenda of the 2023 National Tribal Forum on Air Quality	6
Appendix B: Summary of NTFAQ Attendee Evaluations.....	23
Appendix C: Participant Feedback	24
Appendix D: Photos from the 2023 NTFAQ.....	39

Introduction

This report summarizes the 2023 National Tribal Forum on Air Quality (NTFAQ) and the National Tribal Air Association's (NTAA) Annual Member Tribe Meeting. This year's NTFAQ was hosted May 1-4, 2023, by the Gila River Indian Community (GRIC) (O'odham language: Keli Akimel O'otham, meaning "Gila River People", Maricopa language: Pee-Posh) located adjacent to the south side of the city of Phoenix, within the Phoenix Metropolitan Area in Pinal and Maricopa counties. The reservation was established in 1859, and the Gila River Indian Community was formally established by Congress in 1939. The community is home to members of both the Akimel O'odham (Pima) and the Pee-Posh (Maricopa) tribes. The reservation has a land area of 583.749 square miles and a 2020 Census population of 14,260. It is made up of seven districts along the Gila River and its largest communities are Sacaton, Komatke, Santan, and Blackwater. Tribal administrative offices and departments are located in Sacaton. The Community operates its own telecom company, electric utility, industrial park and healthcare clinic, and publishes a monthly newspaper.

This report includes a narrative summary, data on NTFAQ attendees, lessons learned and several appendices including:

- Appendix A: Agenda of the 2023 National Tribal Forum on Air Quality,
- Appendix B: Summary of NTFAQ Attendee Evaluations,
- Appendix C: Participant Feedback,
- Appendix D: Photos from the 2023 National Tribal Forum on Air Quality.

This year's NTFAQ was the 16th year that ITEP and the NTAA co-sponsored the conference, and the 23rd year that ITEP has hosted the NTFAQ in general. This year's conference agenda included three (3) offsite field trips and educational tours, eight (8) pre-conference trainings, and forty-three (43) breakout sessions and presentations, a welcome reception (including snacks, music, and games), an opening general session including an opening prayer and posting of colors, welcoming remarks from

Governor Stephen Lewis, US EPA Deputy Assistant Administrator; Alejandra Nunez, US EPA Region 9 Administrator; Martha Guzman, Environmental Director of Jamul Indian Village of California and NTAA Chair; Syndi Smallwood, and Vallen Cook, Trustlands Administrator for the Grand Portage Band of Chippewa, and Tribal Air Monitoring Services Steering Committee (TAMS SC) Chair and NTAA Region 5 alternate representative, and concluded with an inspiring talk from keynote speaker Dr. Daniel Wildcat of Haskell Indian Nations University. The week also included networking round tables, panel discussions, the NTFAQ eco-café, and concurrent breakout sessions. NTFAQ 2023 held the first Tribal Environmental Movie night where short films/documentaries of Tribal environmental issues were shared. The activity was emceed by Jessa Calderon, a singer, songwriter, poet, and published author who also performed during the NTAA Member Tribe Luncheon. Other main events include the annual Virgil Masayesva Awards Ceremony, the NTAA Member Tribe Luncheon, and the Breath of Fresh Air Fun Run that raised over \$1,000 for the Boys and Girls Club of the Gila River Indian Community. Over 208 participants from 135 Tribal nations and organizations were in attendance.

The annual NTFAQ feedback form was sent directly to 215 email addresses and was highlighted in NTAA's Weekly Updates and garnered 49 responses. Overall, a majority of attendees were either 'very satisfied' or 'highly satisfied' with the event. This year's NTFAQ saw a lot of new faces and comments received show a great appreciation for the networking opportunities that were provided. There could have been improvements in communication which will be considered in the planning for the 2024 NTFAQ.

Tribes & Tribal Organizations Represented at the 2023 NTFAQ

- Ak-Chin Indian Community
- Alaska Native Tribal Health Consortium
- Association of Village Council Presidents
- Bad River Tribe
- Bay Mills Indian Community
- Big Pine Paiute Tribe of the Owens Valley
- Bishop Paiute Tribe
- Cahto Tribe of Laytonville, CA
- Campo Band of Mission Indians
- Cedarville Rancheria
- Cheyenne and Arapaho Tribes of Oklahoma
- Choctaw Nation of Oklahoma
- Citizen Potawatomi Nation
- Confederated Salish & Kootenai Tribes
- Confederated Tribes of the Colville Reservation
- Cow Creek Band of Umpqua Tribe of Indians
- Eastern Band of Cherokee Indians
- Fallon Paiute-Shoshone Tribe
- Fond du Lac Band of Lake Superior Chippewa
- Fort Mojave Indian Tribe
- Fort Sill Apache Tribe
- Gila River Indian Community
- Grand Portage Band of Chippewa

- Grayling Tribal Council Environmental Office
- HETF - Tuscarora Nation
- Ho-Chunk Nation
- Hoopa Valley Tribe
- Inter-Tribal Council of Arizona, Inc.
- Iowa Tribe of Oklahoma
- Iqugmiut Traditional Council
- Jamul Indian Village of California
- Kootenai Tribe of Idaho
- La Jolla Band of Luiseno Indians
- Leech Lake Band of Ojibwe
- Little Traverse Bay Bands of Odawa Indians
- Manzanita Band of Kumeyaay
- Mississippi Band of Choctaw Indians
- Morongo Band of Mission Indians
- Muscogee (Creek) Nation
- National Tribal Water Council
- Native Village of Aniak
- Native Village of Brevig Mission
- Native Village of Chitina
- Navajo Nation Environmental Protection Agency
- Noorvik Native Community
- Northern Cheyenne Tribe
- Northwestern Band of the Shoshone Nation
- Ojo Encino Chapter
- Otoe-Missouria Tribe
- Pala Band of Mission Indians
- Passamaquoddy Tribe - Pleasant Point
- Pauma Band of Mission Indians
- Pechanga
- Penobscot Nation
- Ponca Tribe of Nebraska
- Prairie Band Potawatomi Nation
- Pueblo de San Ildefonso
- Pueblo of Acoma
- Pueblo of Jemez
- Pueblo of Santa Ana
- Pueblo of Tesuque
- Pueblo of Zia
- Quapaw Nation
- Saint Regis Mohawk Tribe
- Salt River-Pima Maricopa Indian Community
- Santa Rosa Rancheria Tachi Yokut Tribe
- Santa Ynez Band of Chumash

- Sault Ste. Marie Tribe of Chippewa Indians
- SouthEast Alaska Regional Health Consortium/Sitka Tribe of Alaska
- Shinnecock
- Shoshone Bannock Tribes
- Soboba Band of Luiseño Indians
- Spirit Lake Sioux Tribe
- Spokane Tribe of Indians
- Swinomish Indian Tribal Community
- Table Mountain Rancheria
- Taos Pueblo
- Tohono O'odham Nation
- Tribal Healthy Home Network
- Twenty-Nine Palms Band of Mission Indians
- United Keetoowah Band
- Ute Indian Tribe
- Ute Mountain Ute Tribe
- Viejas Band of Kumeyaay Indians
- Washoe Tribe of Nevada & California
- White Earth Nation

Other Entities Represented at the 2023 NTFAQ

- Agilaire
- Alliance Technical Group
- Auberle Engineering
- Blue Forest
- Blue Tomorrow LLC
- Bureau of Indian Affairs
- DR DAS, LTD
- Environmental Protection Agency
- Environmental Protection Network
- EPA - Office of Transportation & Air Quality
- EPA - Tribal Air Monitoring Support Center
- EPA Office of Research and Development
- EPA Region 3
- EPA Region 4
- EPA Region 5
- EPA Region 6
- EPA Region 7
- EPA Region 8
- EPA Region 9
- EPA Region 10 Tribal Air Team

- Gold Systems, Inc.
- Met One Instruments, Inc./ACOEM
- Midwest Climate Collaborative
- Moms Clean Air Force
- Eco Madres Colorado
- QuantAQ
- SC&A, Inc.
- Sonoma Technology
- TD Environmental
- Teledyne API
- Trinity Consultants
- USDOT/PHMSA
- Virtual Technology LLC
- WESTAR/WRAP
- World Resources Institute

The 2023 NTAA Annual Member Tribe Meeting

The purpose of this annual meeting is to mingle with NTAA members, provide information on ongoing work, and receive feedback. This year's meeting included:

- Remarks from Erica M. Pinto; Chairwoman of the Jamul Indian Village
- Presentation by NTAA
 - Identify NTAA EC Members and which region they represent,
 - Provide an update about the Policy Advisory Committee members, current, and upcoming work,
 - NTAA highlights from the previous year,
 - Reminder of the mission of the NTAA,
 - NTAA workgroup updates and contacts,
 - Reminder of the monthly air policy calls,
 - Weekly Update (used for news stories, upcoming calls/webinars, engagement opportunities, job openings, and resources).
 - Upcoming work
 - The Status of Tribal Air Report
 - Roles and Objectives workgroup and plan
 - Greenhouse Gas Reduction Funds response
- Introductions from Member Tribe participants
- Open discussion for input on comments, questions, or concerns
- Performance by Jessa Calderon.

Appendix A: Agenda of the 2023 National Tribal Forum on Air Quality

NTFAQ Program Agenda

Monday, May 01, 2023

8:00 am to 5:00 pm	Registration
9:00 am to 11:30 am	Field Trips & Educational Tours
A- 2.5 hours	<p>Sacaton Air Monitoring Station and Gila River Indian Community</p> <p>The Sacaton Ambient Air Monitoring Site is one of the three sites located throughout the Gila River Indian Community. This site monitors pm10, ozone, and metrological parameters. The Department of Environmental Quality office houses five departments: Air Quality Program, Water Quality Program, Pesticide Control Office, Waste Management Program, and the Wildlife and Ecosystem Management Program.</p>
B- 2.5 hours	<p>Gila River Indian Interpretive Trail (MAR-5)</p> <p>The Gila River MAR 5 Interpretive Trail is an outdoor educational living experience that will enlighten our visitors about our farming legacy. The overall design aspects that are incorporated into the Gila River Interpretive Trail are representative of the Akimel O’otham (Pima), and the Pee-Posh (Maricopa) cultures, which also include our ancient Huhugam.</p> <p>Upon completion of a guided tour, our visitors should depart with a better understanding about our community and our Confederated tribes. Our visitors will also learn about our historic water settlement and how that struggle has impacted our community.</p>
9:00 am to 11:00 am	Pre-Conference Trainings
Yucca 9:00 – 11:00 am	<p>Air Resource Management - Primer on How Air Pollution is Managed</p> <p><u>SC&A, Inc., Andrew Shroads</u></p> <p>All you ever wanted to know about how air pollution is managed in the United States! This introductory presentation details what is air pollution, air quality monitoring, air pollution regulatory and permit programs (including new source review and operating permits), types of air pollution control equipment, and compliance and enforcement. This course is designed to provide a deeper understanding of the United States’ comprehensive air resource management program, including how the different aspects of air pollution management interact with each other.</p> <p>Policy & Regulation</p>
Agave	<p>Climate Protection Reduction Grant Workshop</p> <p>(For tribes working on applications due June 15, 2023)</p> <p><u>EPA, Pat Childers & ITEP, Christal Black</u></p> <p>This interactive two-hour workshop will allow collaboration of Tribes, and Tribal Consortia applying for a Climate Protection Reduction Planning Grant (CPRG) with other Tribes across the</p>

9:00 – 11:00 am	<p>nation. ITEP and EPA staff will guide the session and will assist you with your questions, comments, and concerns related to the CPRG including climate reduction strategies, tools and technical assistance, and the grant process.</p> <p>For more information on the CPRG, please visit: https://www.epa.gov/inflation-reduction-act/climate-pollution-reduction-grants</p> <p>Capacity Building</p>
Willow 9:00 – 11:00 am	<p>AQSync: Reference-Grade Monitoring, Solar-Ready, Mobile</p> <p><u>2B Technologies, Jesse Ellenburg</u></p> <p>With reference-grade measurements of the most important pollutants, the solar-ready AQSync can help kick-start a monitoring program or enhance an existing program. 2B Tech will be on-site to provide training on every aspect of AQSync, from operation and maintenance to cloud data analysis. Funding opportunities and proposal assistance will also be discussed.</p> <p>Technical</p>
Cholla Room 9:00 – 11:00 am	<p>Air Quality Systems (AQS) and AIRNOW</p> <p><u>U.S. Environmental Protection Agency, Brad Johns and Michael Matosky</u></p> <p>The Air Quality System (AQS) is the Environmental Protection Agency’s official repository for ambient air quality measurement data. The “Repository” AQS is first and foremost a data management system. This includes both regulatory (e.g., Criteria Pollutants) and non-regulatory data (e.g. a pollutant of local interest). This includes both the measurement data, its metadata, and its quality assurance data. All regulatory data in AQS has been quality assured. This class will demonstrate entering data into the AQS system.</p> <p>The AQS system is a repository of Ambient Air Quality Measurements that has been verified. The AIRNOW system is the repository for unverified Ambient Air Quality Data. We are going to combine these two systems to one location to get all ambient Air Quality Data. This session will be asking for input from the users of the two systems to see what functions you would like to have.</p> <p>Technical</p>
11:30 am to 1 pm	Lunch (on your own)
1:00 pm to 5:00 pm	Pre-Conference Trainings
Yucca Room 1:00 – 5:00	<p>Tribal & Indigenous Climate Adaptation Planning</p> <p><u>ITEP's Tribes & Climate Change Program, Nikki Cooley</u></p> <p>The Tribes & Climate Change Program will offer a shortened version of their introductory course on climate change adaptation planning. This course emphasizes the inclusion of youth</p>

	<p>and elders, and Traditional and Indigenous Knowledges into climate adaptation and mitigation planning. In addition, participants will learn about the Tribal Climate Adaptation Toolkit and the Status of Tribes and Climate Change (STACC) report which can be used in climate resilience efforts while keeping culture and language in mind. Tribal case studies will be offered as examples of the work being done across the country.</p> <p>Other / Cross Media</p>
<p>Agave Room</p> <p>1:00 – 5:00</p>	<p>For Newbies: Clean Air Act Overview and Resources for Tribal Air Programs</p> <p><u>AIAQTP, William Auberle, Laura McKelvey, and James Payne & Laura Bunte EPA</u></p> <p>We will provide an overview of the Clean Air Act with a focus on topics relevant to both existing and developing tribal air quality management programs. A facilitated discussion with participants will explore current resources available to programs including new professional development opportunities at ITEP, Tribal Air Monitoring Support Center, EPA Air Knowledge, National Tribal Air Association and others.</p> <p>Capacity Building</p>
<p>Willow Room</p> <p>1:00 pm to 4:00 pm</p>	<p>3-2-1-Go! Getting Your Community Grant-Ready for Upcoming IRA Healthy Home Funding</p> <p><u>Tribal Healthy Homes Network, Gillian Mittelstaedt & Aileen Gagney</u></p> <p>In this three-part workshop, Tribal Healthy Homes Network and partners will work with you, as a group and one-on-one, to prepare for upcoming Healthy Homes funding from the Inflation Reduction Act (IRA). In Part One, “Where are the Funds?”, we will hear from EPA, HUD and Rewiring America about the wide range of IRA grants.</p> <p>In Part Two, “What are the Fundable Activities?”, we will explore the various Healthy Homes/Indoor Air Quality activities eligible under IRA, and the evidence-base or rationale behind choosing different approaches. We will cover: 1) Mechanical interventions (e.g., ventilation, filtration, heating, and cooling), 2) Appliance-based activities (e.g., woodstoves, cooking appliances), 3) Energy-Efficiency activities (e.g., air sealing, insulation, weatherization), 3) Climate-related activities (e.g., distributing DIY fans, creating smoke- and heat-safe rooms), and 4) Resident-education activities (e.g., social media campaigns, toolkits, SmokeMatters toolkits, etc.).</p> <p>In Part Three, “Where to Begin?”, we will work in small groups and one-on-one to conduct a Healthy Homes Assessment and Prioritization exercise. This Public Health-designed exercise can help you identify your community’s priority needs, select at-risk populations to target (e.g., Elders, pregnant women), then match this information with the fund-able, evidence-based activities. We’ll also review data and information you’ll want to include in your grants, and the resources you already have or may need for writing your grant proposals.</p>

	Capacity Building
Cholla Room 1:00 pm to 3:00 pm	<p>Nuisance Emissions, Environmental Justice, Community/Facility/Fire Visible Emission Monitoring, estimating PM Concentrations remotely over wide areas.</p> <p>USEPA Alternative Method 082 – Visible Emission Management,</p> <p>Digital Camera Operator Certification</p> <p><u>Shawn Dolan, Virtual Technology LLC</u></p> <p>Upon completion of this two-hour session each attendee will be provisioned a Digital Opacity Compliance System/ALT082 Mobile APP login and will be contacted if desired for the final hour of hands-on computer and camera training to achieve full Digital Camera Operator Certification for assessing Opacity of Visible Emissions Online.</p> <p>Capacity Building</p>
6:00 pm to 8:00 pm Palo Verde C	<p>Welcome Reception</p> <p>Please join us for an evening welcome reception. We'll have light snacks, music and games! A great way to mingle and meet new people and old friends in a convertible, fun and relaxing atmosphere. We hope you join us!</p>

Tuesday, May 02, 2023

7:30 am to 8:30 am	Registration & Continental Breakfast
8:30 am to 10:00 am Palo Verde A & B	<p>Opening General Session: Gila River Indian Community leadership, EPA, NTAA, TAMS and ITEP representatives will provide welcoming remarks, and an overview of the conference agenda.</p> <ul style="list-style-type: none"> • Opening Prayer & Posting of Colors • Welcoming remarks: Governor Stephen Lewis • U.S. EPA Deputy Assistant Administrator, Alejandra Nunez • U.S. EPA Region 9 Administrator, Martha Guzman • Syndi Smallwood, Director, Jamul Indian Village of California • Vallen Cook, Grand Portage Band of Chippewa <p>Keynote Speaker: Dr. Daniel Wildcat – Haskell Indian Nations University</p> <p>Dr. Daniel Wildcat is a professor at Haskell Indian Nations University in Lawrence, Kansas, and an accomplished scholar who writes on Indigenous knowledge, technology, environment, and education. He is also director of the Haskell Environmental Research Studies Center, which he founded with colleagues from the Center for Hazardous Substance Research at Kansas State University.</p>

10:00 am to 10:30 am	Break
10:30 to 11:45 pm Palo Verde C	Networking Round Tables: This 75-minute session will offer participants opportunities to speak in a small group setting (round tables) with knowledgeable subject matter professionals. Topics include Climate Change Planning; Air Monitoring Equipment; Indoor Air Quality; Wildfires & Smoke Impacts; Emission Inventories; Data Management & Reporting; Quality Assurance Project Plans; EPA Grants; Air Quality Permits; and much more!
12:00 pm to 1:30 pm Palo Verde A & B	NTAA Annual Membership Meeting & Luncheon The NTAA Annual Membership Meeting will include presentations by the NTAA leadership, and program staff on current initiatives, important accomplishments, and opportunity for feedback from NTAA member Tribes. This session is reserved for Tribes and organizations that are members of the National Tribal Air Association.
2:00 pm to 3:00 pm	Concurrent Breakout Sessions
Palo Verde C	<p>ANTHC's Air Quality Program</p> <p><u>Alaska Native Tribal Health Consortium, Ida Norton</u></p> <p>The ANTHC Tribal Air Quality Program has provided funding to Tribes to carry out air quality projects in rural Tribal communities since 2011. Projects are encouraged to include creative ways to address air quality concerns. Typical air quality concerns in a community might be indoor air quality, solid waste burning, wood smoke, road dust, outdoor air pollution, etc. Sub awardees work in partnership with the ANTHC Tribal Air Quality Program staff to complete the project and refine the work plan. This funding is provided by a US Environmental Protection Agency Clean Air Act 103 Grant.</p> <p>Capacity Building</p> <p>Air Quality Projects Offered to Alaskan Tribes</p> <p><u>Alaska Native Tribal Health Consortium, Ida Norton</u></p> <p>Air Quality ProSub-awards: The ANTHC Tribal Air Quality Program has provided funding to Tribes to carry out air quality projects in rural Tribal communities since 2011. Projects are encouraged to include creative ways to address air quality concerns. Typical air quality concerns in a community might be indoor air quality, solid waste burning, wood smoke, road dust, outdoor air pollution, etc. Sub awardees work in partnership with the ANTHC Tribal Air Quality Program staff to complete the project and refine the work plan. This funding is provided by a US Environmental Protection Agency Clean Air Act 103 Grant.</p> <p>Capacity Building</p>

Yucca	<p>AQEarth: Community Air Monitoring in the Tri-Chapter Region, Navajo Nation</p> <p><u>TD Environmental Services, Story Schwantes</u></p> <p>AQEarth, a project that aims to work collaboratively with communities to help meet their air monitoring needs, has partnered with the Ojo Encino Chapter of the Navajo Nation and Chapter leadership in Counselor and Torreon to design an air monitoring network that helps measure and locate local air quality issues. This talk will detail the challenges and opportunities in implementing this network, working with a wide range of stakeholders, and across Tribal and Federal land. It will also report on next steps for the air monitoring network, as well as the potential to replicate the project and obtain longer-term funding.</p> <p>Multiple project partners will be in attendance to engage in discussion and answer questions from different perspectives.</p> <p>Technical</p>
Willow	<p>EPA Mobile Sources Regulatory Update</p> <p><u>US EPA, Jessie Mroz</u></p> <p>Staff from EPA's Office of Transportation and Air Quality will provide updates on the status of our major regulatory actions on mobile sources of air pollution - including renewable fuels, light- and medium-duty cars and trucks, heavy duty trucks and non-road equipment, and aircraft.</p> <p>Air Quality Policy & Regulations</p>
Cholla	<p>Using Low Cost-Sensors to Conduct Home IAQ Assessments</p> <p><u>Kayenta Middle School, Nala Nelson, Jacob Nelson & ITEP, Mansel Nelson</u></p> <p>Student Presentation: Nala Nelson, a middle school student along with her father Jacob Nelson, a teacher at Kayenta Middle School will present a case study. Grandfather Mansel Nelson, an ITEP employee, will be in the room to help answer questions. Poor Indoor Air Quality (IAQ) is a significant concern for our health. The presentation will discuss using low-cost sensors to conduct home IAQ assessments and providing feedback to the home occupants. Measurements include Particulate Matter (PM), Carbon Dioxide (CO2), Radon, Humidity, and VOCs.</p> <p>Voluntary Programs</p> <p>Tribal Air Quality Monitoring, Community Data Sharing, and Student Education in Northern California</p> <p><u>Sonoma Technology, Olivia Ryder</u></p> <p>Blue Lake Rancheria is a federally recognized Native American Tribe in California. In addition to local topography that intensifies air pollution issues with multi-day inversion layers, the area is frequently impacted by wildfire smoke, local industrial sources, and residential wood smoke.</p>

	<p>Nearby major roadways also contribute to disproportionately high PM2.5 pollutant concentrations in the community. Blue Lake Rancheria is working with Sonoma Technology to address air quality issues via monitoring, PurpleAir sensor networks, communicating results to community members, and educating students through hands on curricula. We will describe these efforts, discuss key outcomes, and highlight obstacles and successes.</p> <p>Voluntary Programs</p>
Agave	<p>How can partners support Tribes' work? Listening session</p> <p><u>Mom's Clean Air Force, Elizabeth Brandt and Shaina Oliver</u></p> <p>Moms Clean Air Force staff in Colorado (Shaina Oliver, Diné) and Arizona (Hazel Chandler) would facilitate a conversation with participants to identify ways Tribal air quality leaders would like to have their work supported by non-Tribal partners. Hazel and Shaina could share strategies to identify and connect with community members, groups, elected officials and resources that can support Tribal air initiatives. Hazel and Shaina would also hold space for participants to share any experiences they've had that shape their approach to outreach with new groups. Elizabeth Brandt would be available to support this conversation.</p> <p>https://www.momscleanairforce.org/team/hazel-chandler/</p> <p>https://www.momscleanairforce.org/team/shaina-oliver/</p> <p>Other / Cross Media</p>
3:00 pm to 3:30 pm	Break
3:30 pm to 4:30 pm	Concurrent Breakout Sessions
Palo Verde C	<p>QAPPs & QAMPs</p> <p><u>Saint Regis Mohawk Tribe, Angela Benedict</u></p> <p>This session will be a discussion about writing, submitting and editing QAPPs. Some QAPPs can be very complex and some can be very basic. In this presentation we will go over how Tribes in Region 2 develop QAPPs for all media.</p> <p>Capacity Building</p> <p>Data Flow in a Regulatory Tribal Air Quality Monitoring Program</p> <p><u>Pechanga Band of Mission Indians, Tiffany Wolfe</u></p> <p>This session will be a case study of Pechanga's Ambient Air Program. The session will take the attendees on a journey of the data value in the AQS database and use in Data Modeling. From the initial intake of ambient air into the analyzer through each step of analysis, data validation and verification. This will include a walkthrough of forms used in each Level of data validation, from Level 0 to Level 3.</p>

	Technical
Yucca	<p>Particulate Air Quality Monitor Detection and Calibration for Distributed Sensor Networks</p> <p><u>Lawrence Livermore National Lab/ORISE/MSIIP, Jordan Cortez</u></p> <p>Particulate air quality is a public health issue whether industrial, agricultural, or natural sources like wildfires. Our study analyzes how the proximity to source emissions, fire plumes, wind conditions, humidity and temperature effects aerosol detection and calibration using both federal regulated monitors such as beta attenuation monitors (BAM) and commercially available purple air (PA) sensors. The objective is to develop methods to calibrate sensors for wide-area air quality monitoring coverage, with improved accuracy. This technical basis for monitoring air particulates over large spatial and temporal scales should improve sensor networks for emerging public health concerns.</p> <p>Technical</p> <p>Monitoring Particulate: Continuous Regulatory Monitor and Sensor Data</p> <p><u>Ute Mountain Ute Tribe, Janice Archuleta & Arlyssia Sells</u></p> <p>The Ute Mountain Ute Tribe Air Quality Staff (Janice Archuleta and Arlyssia Sells) will present comparison of PM2.5 data from a FEM continuous monitor (Teledyne T640) and a nearby (350 ft away) outdoor Purple Air sensor. Data collected from sections of the year when both instruments were operational will be presented with statistical or other evaluations. Differences between the monitor and sensors will be discussed. Hopefully this dialogue will involve the audience as well as the participants.</p> <p>Technical</p>
Willow	<p>Addressing Methane Emissions</p> <p><u>Jill Grants & Associates, LLP, Jill Grant and Andrea Gelatt;</u></p> <p><u>Navajo Nation EPA, Eugenia Quintana and Glenna Lee</u></p> <p>Our panel will discuss recent federal laws and federal and Navajo regulations addressing methane emissions, the impacts of methane on climate change, information and concerns regarding sources of methane emissions on the Navajo Nation, and Navajo Nation EPA plans for methane monitoring, emissions inventories, and permitting requirements. This will be a combined legal-technical panel with attorneys and NNEPA program staff.</p> <p>Policy & Regulations</p>
Cholla	<p>Developing Indoor Air Sensor Technology Training for Tribal Communities</p> <p><u>US EPA, Secody Hubbard, Laureen Burton and Randy Chapman (Virtual)</u></p>

	<p>This presentation will focus on using Low-Cost Air Pollution Monitors indoors to supplement traditional IAQ-Best practices in Tribal Communities. Traditional strategies for improving IAQ emphasize the integration of source control, ventilation, and supplemental air cleaning/filtration. Advances in IAQ-related science and the increased availability of lower-cost tools like low-cost air pollutant monitors may provide methods to assess indoor air that complement these best practices and help users determine appropriate actions to improve IAQ. Session attendees will be asked to input on newly released web-based air sensor technology consumer guidance and the indoor sensor technology training for tribal communities being developed.</p> <p>Voluntary Programs</p>
Agave	<p>Collaborating with States on Improving Air Quality</p> <p><u>Big Pine Paiute Tribe of the Owens Valley, Cindy Duriscoe</u></p> <p>The Big Pine Paiute Tribe has completed two projects with and funded by the state of California. The first was a Community Air grant (AB617) that allowed the Tribe to start a continuous air monitoring station on the Reservation, plus an AQI School Flag program. The second project was to conduct a Clean Mobility Options Needs Assessment in order to bring out safety concerns tribal members had and come up with alternative transportation modes that people would actually use. Using these alternative modes of transportation would help promote healthier lifestyles while reducing GHGs. This presentation will highlight the benefits of collaborating with the California Air Resources Board (CARB) and Clean Mobility Options (CMO) Program as well as some of the challenges that we faced.</p> <p>Other / Cross Media</p>
<p>6:30 pm to 8:00 pm</p> <p>Palo Verde A & B</p>	<p>Tribal Environmental Movie Night!</p> <p>Short films and documentaries of tribal environmental issues and causes from around the country. Enjoy some popcorn, candy & refreshments while you watch short impactful films and talk with film makers about their project.</p>

Wednesday, May 03, 2023

7:30 am to 8:30 am	Morning Coffee Social
8:30 am to 10:00 am	<p>Opening General Session</p> <p>Panel Discussion - Inflation Reduction Act Grants, Resources & Tools</p> <p>Join this session to hear from a panel of federal program officials, Tribes, legal experts, and others to learn about grants, tools and resources to access funds to advance climate resiliency efforts for Tribes.</p> <ul style="list-style-type: none"> • Pilar Thomas: Pascua Yaqui Tribe and partner with Quarles & Brady LLC • Gillian Mittelstaedt: Director, Tribal Healthy Homes Network, Tulalip Tribe
Palo Verde A & B	

	<ul style="list-style-type: none"> • Sheena Schemm: Regional Coordinator, BIA Branch of Tribal Climate Resilience • Pat Childers: EPA Office of Air & Radiation <p>Followed by audience Q & A with our panel.</p>
10:00 am to 10:30 am	Break
10:30 to 12:00 pm	NTFAQ Eco Café: An excellent networking opportunity for Tribal environmental staff to meet with commercial equipment vendors, exhibitors, service providers, EPA and other federal agency representatives, TAMS Center, NTAA, and many others in a relaxed and casual atmosphere. Service providers will have booths set-up in the conference area and attendees will have 90 minutes to visit, discuss, learn and share information.
12:00 pm to 1:30 pm	Tour of Huhugam Heritage Center & Boxed Lunch <p>This modern cultural center highlights the ancestral, historic and current cultures of the Gila River Indian Community, made up of two tribes – the Akimel O’otham and the Pee Posh. Our mission is to ensure our Akimel O’otham and Pee Posh cultures flourish for future generations.</p> <p>The Huhugam Heritage Center was built in 2003, fulfilling our Community vision to create a place for Community, culture, land, tradition and spirit: a place to honor and preserve our Him dak (our way of life).</p>
2:00 pm to 3:00 pm	Concurrent Breakout Sessions
Palo Verde C	Digital Outreach and Engagement <p><u>Pechanga Band of Mission Indians, Tiffany Wolfe</u></p> <p>This session will focus on how the Pechanga Environmental Program transitioned from in-person events to using social media and the Tribal website to meet Education and Outreach goals during the Pandemic. We will discuss the outcomes of using social media and how it is continuing to be a great tool for sharing information to the public.</p> <p>Voluntary Programs</p>
Yucca	Introduction to EJScreen <p><u>EPA Office of Air Quality Planning & Standards, James Payne</u></p> <p>EPA has developed an environmental justice (EJ) mapping and screening tool called EJScreen. It is based on nationally consistent data and an approach that combines environmental and demographic indicators in maps and reports. This presentation will include a brief slide show followed by a demonstration.</p> <p>Technical</p>
	Panel with NTAA Policy Advisor Committee (PAC) Members

Willow	<p><u>NTAA, Carolyn Kelly and PAC Members: Pilar Thomas, William Auberle, Andrea Gelatt, and Laura McKelvey</u></p> <p>This is an opportunity for the NTAA PAC Members to introduce themselves to Tribes. We will discuss upcoming EPA Air policy and regulations and the development of NTAA Policy Resource Kits (PRKs). This is an opportunity to ask questions and offer input on how the NTAA can serve your Tribal Community with the PRKs.</p> <p>Policy & Regulations</p>
Cholla	<p>Gila River Indian Community DEQ-Learn about our Programs!</p> <p><u>Gila River Indian Community, Tison Gill</u></p> <p>As the Tribal host of this conference, we would like to showcase our other programs that are a part of the Gila River Indian Community's Department of Environmental Quality (DEQ). We have five total programs: Pesticides Control Office, Water Quality Program, Air Quality Program, Wildlife & Ecosystems Management Program, and the Waste Program. This presentation will focus on outreach efforts as well as projects we have completed over the past few years. We will also discuss the future of DEQ, that includes the GRIC DEQ Educational Center.</p> <p>Voluntary Programs</p>
Agave	<p>Revisions to the EPA Consultation Policy and Tribal Treaty Rights Guidance</p> <p><u>U.S. Environmental Protection Agency, Zoe Ruge</u></p> <p>The U.S. Environmental Protection Agency's policy is to consult on a government-to-government basis with federally recognized tribal governments when EPA actions may affect tribes. EPA additionally seeks information and recommendations on tribal treaty rights during consultation in situations where such rights may be affected by a proposed EPA action. The EPA Policy on Consultation and Coordination with Tribes was released in 2011 to establish clear EPA standards for the consultation process and was followed by the Guidance for Discussing Tribal Treaty Rights in 2016. EPA is revising these two documents. This session will cover EPA's revisions and forthcoming supporting materials.</p> <p>Other / Cross Media</p>
3:00 pm to 3:30 pm	Break
3:30 pm to 4:30 pm	Concurrent Breakout Sessions
Palo Verde C	<p>An Overview of ITEP's Air Quality Professional Development Opportunities FY 2024 and Beyond</p> <p><u>AIAQTP, Laura McKelvey, Christal Black, & Dr. William Auberle</u></p> <p>ITEP's American Indian Air Quality Training Program (AIAQTP) annually prepares a comprehensive program plan driven by explicit and anticipated needs of tribal air quality</p>

	<p>program personnel. This session will describe the proposed professional development plan beginning in July 2023. Time will be allocated for questions, comments and suggestions from all participants.</p> <p>Capacity Building</p>
Yucca	<p>8872 Datalogger Transition</p> <p><u>Gila River Indian Community, Jay Johnson</u></p> <p>This presentation will discuss the challenges in converting from the 8832 to 8872 datalogger, changing 1405 TEOM from GSI to direct polling, and switching from analog met sensors to digital all-in-one met sensors...all at the same time.</p> <p>Technical</p>
Willow	<p>EPA's Wildfire Smoke Air Monitoring Response Technology (WSMART) Pilot</p> <p><u>US EPA Office of Research and Development, Gayle Hagler</u></p> <p>Smoke from wildfires can quickly degrade air quality in areas downwind, causing a visible haze and health impacts. Modulated by meteorology and fire conditions, smoke impacts vary with time and location, sometimes affecting areas without any nearby air monitors. EPA's WSMART was initiated in 2021 to provide supplemental and non-regulatory air monitors to air quality professionals responding to smoke impacts. In 2021-2022, stationary air sensors and vehicle-mounted air monitors were provided to requesting Air Resource Advisors, state and local air agencies, and tribal organizations. This presentation will discuss the technology, show examples of use, and share future plans.</p> <p>Technical</p> <p>EPA's Radiological Emergency Response Capabilities</p> <p><u>U.S. Environmental Protection Agency, Danielle Montecalvo</u></p> <p>The U.S. Environmental Protection Agency's Radiation Protection Division under the Office of Air and Radiation encompasses the Radiological Emergency Response Team (RERT). The RERT works with federal, Tribal, state and local agencies to prepare for and respond to, emergencies involving radioactive materials. The RERT seeks to establish direct communication channels with Tribes to enhance partnership building, radiation education and outreach, and radiological emergency preparedness and response.</p> <p>Voluntary Program</p>
Cholla	<p>Elders, Climate Events and Indoor Air Quality:</p> <p>Recognizing and Mitigating Health Risks</p> <p><u>Tribal Healthy Home Network, Gillian Mittelstaedt & Aileen Gagney</u></p>

	<p>In this session, we will explore the unique health risks of Elders during climate events, focusing on the risks they encounter at home and indoors. We will cover: 1) How climate events affect indoor air quality and the medical factors that contribute to heightened health risks for Elders, and 2) What technologies and strategies (i.e., ventilation, filtration, tailored risk communication) can help reduce Elders' risk. We will also present a Tribal Case Study on Climate-Ready Housing for Elders, and invite Tribes to share their own ideas, concerns, and efforts. We will end the session by reviewing potential grants for funding these technologies and strategies.</p> <p>Other / Cross Media</p>
Agave	<p>Principles for Addressing Environmental Justice Concerns in Air Permitting</p> <p><u>EPA Region 5, John Mooney (Virtual)</u></p> <p>In December 2022, EPA's Office of Air and Radiation issued eight principles to guide consideration of environmental justice in Clean Air Act permitting decisions. The principles provide an interim operating framework for identifying, analyzing, and addressing environmental justice concerns in air permitting as EPA continues to build more tools and explore additional opportunities to advance environmental justice and equity with its co-regulatory partners, communities, and other stakeholders.</p> <p>Other / Cross Media</p>
<p>6:00 pm to 8:00 pm</p> <p>Palo Verde A & B</p>	<p>Virgil Masayesva Tribal Air Program Excellence Award & Dinner</p> <p>Join us for an evening celebration of environmental leadership and excellence as we recognize past recipients, and the 2023 recipient of the Virgil Masayesva Excellence Award.</p> <p>Virgil Masayesva was the Director of the Institute for Tribal Environmental Professionals at Northern Arizona University from its inception until his passing in 2005. Virgil is commemorated for his leadership, dedication, innovation and commitment to the support of tribal air programs and promoting tribal sovereignty, tribal culture and tribal environmental protection. This award was developed to recognize and perpetuate continuing contributions to that legacy.</p>
Thursday, May 04, 2023	
7:30 am to 8:30 am	<p>Breath of Fresh Air 5K Fun Run & Walk: Come out and stretch your legs and expand your lungs to recognize the importance of clean air quality and service to community.</p>

	The Breath of Fresh Air 5K Fun Run & Walk organized by NTAA will be a great way to start the day and support a local Gila River Indian Community youth group.
8:30 am to 9:30 am	Continental Breakfast
9:30 am to 10:30 am	Concurrent Breakout Sessions
Palo Verde C	<p>Climate Change-Grants and Resources</p> <p><u>BIA Climate Resilience Program Shaina Tallas and Corwin Carrol and</u></p> <p><u>ITEP Climate Change Program Nikki Cooley</u></p> <p>This presentation will provide an overview of the available BIA Branch of Tribal Climate Resilience funding opportunities and resources that Tribes can utilize to support their climate-related projects and initiatives. Topics will include the Annual Awards Program, Voluntary Community-Driven Relocation Demonstration Projects, Regional TCR Coordinators and Liaison Network, Youth Programs, and Partnering Initiatives.</p> <p>Capacity Building</p>
Yucca	<p>A look at Tribal Air Monitoring Stations, Informational and Regulatory</p> <p><u>Panel: Tiffany Wolfe, Pechanga Band of Indians; Pamela Atcitty, Morongo Band of Mission Indians; Tanda Roberts, Pyramid Lake Paiute Tribe</u></p> <p>This presentation will delve into the subject of ambient air monitoring on Tribal Reservations and examine the operations of three distinct air monitoring stations located on the Pechanga, Morongo, and Pyramid Lake Paiute reservations. The panelist will provide insight into the various aspects such as equipment, data collection, quality assurance, and regulatory compliance at each station. Additionally, the audience will have the opportunity to ask questions and actively participate in the discussion.</p> <p>Technical</p>
Willow	<p>Measuring Pollutants - A Survey of Methods for Special Assessments</p> <p><u>Bishop Paiute Tribe, Emma Ruppell</u></p> <p>This presentation will introduce some of the ancillary air pollution sampling methods and projects the Bishop Paiute Tribe's Air Program has utilized over the years, in response to requests or emergencies, or in providing environmental oversight to other Tribal parties. The focus will be on continuous radon sampling indoors, sampling with portable instruments, and outdoors particulate sampling.</p> <p>Voluntary Programs</p>

Cholla	<p>EPA's Research to Evaluate the Efficacy of Air Treatment Technologies against Airborne Pathogens</p> <p><u>U.S. Environmental Protection Agency, Katherine Ratliff</u></p> <p>This session will provide an overview and key findings from EPA's research to evaluate how effective different air cleaning and treatment technologies are in reducing airborne pathogen concentrations. There are a growing number of these technologies being marketed (e.g., HEPA filters, bipolar ionization, ultraviolet light), but a lack of standard test methods and current regulations make it difficult to predict how these technologies perform in real world settings. The presentation will discuss the research methodology and results, which are informative for those using or considering using these technologies.</p> <p>Voluntary Programs</p> <p>HUD Healthy Home Project: Beginning-COVID-Results</p> <p><u>Alaska Native Tribal Health Consortium, Ida Norton</u></p> <p>HUD Healthy Homes project presentation: Beginning, progress and obstacles during COVID, and ending results. We are finishing up our HUD HH projects. One in particular will be presented during its lifetime. From beginning stages on how it started. What kind of impacts COVID made, and ending results. This started with very good intensions. Like a lot of projects during these past few years, it was impacted by COVID, and what differences were made at the closing of project.</p> <p>Voluntary Programs</p>
Agave	<p>DERA Tribal Program Overview and Funding Opportunities</p> <p><u>U.S. EPA - Office of Transportation & Air Quality, Lucita Valiere</u></p> <p>During this session EPA will provide an overview of the Diesel Emissions Reduction Act (DERA) Tribal Program and its grant requirements regarding eligible entities, vehicles, equipment, & technology. Information will be provided regarding the anticipated FY 2023 Tribal & Insular Areas Notice of Funding Opportunity (NOFO) and other upcoming funding opportunities, i.e. BIL Clean School Bus Program, to Tribes and Alaska Native Villages.</p> <p>Voluntary Programs</p> <p>ITEP's Tribal Clean Transportation Program</p> <p><u>ITEP, Tribal Clean Transportation Program, Andy Bessler</u></p> <p>During this session, ITEP will provide an overview of the new Tribal Clean Transportation Program (TCTP) designed to help Tribes transition and electrify their fleets and their communities' mobility needs. Information will be provided on ITEP's program to support</p>

	<p>Tribes' efforts to reduce climate change and improve air quality by justly transitioning to clean transportation.</p> <p>Voluntary Programs</p>
10:30 am to 11:00 am	Break
11:00 am to 12:00 pm	Concurrent Breakout Sessions
Palo Verde C	<p>Chat with Pat</p> <p><u>US EPA, Pat Childers</u></p> <p>OAR's Tribal Program Manager will provide insight and discussion on EPA's Tribal Air program. He will highlight funding, focus and folks in OAR working on issues of importance to tribes.</p> <p>Capacity Building</p>
Yucca	<p>Gila River Indian Community Air Monitor Impact Assessment</p> <p><u>Gila River Indian Community, Ryan Eberle</u></p> <p>The goal of the air monitor impact assessment was to determine what sources contributed to the PM10 concentrations exceeding the NAAQS observed at one of Gila River's regulatory air monitors. Once the sources are determined, appropriate control measures can be identified and, if necessary, incorporated into the air quality rules. This type of assessment is usually performed by state air agencies. This is the first air monitor impact study conducted by a tribe.</p> <p>Technical</p>
Willow	<p>Support for Tribal Sovereignty-White Paper Development</p> <p><u>NTAA, Syndi Smallwood, Laura McKelvey & ITEP-TAMS, Christopher Lee</u></p> <p>This will be a Tribal caucus working session for Tribes to develop an action plan to support self-determination, including the development of a White Paper to be delivered to the Administrator. This work began last year at the 2022 NTFAQ. Please join us to continue this very important work.</p> <p>Other / Cross Media</p>
Cholla	<p>Review of a School & Childcare Wildfire Smoke Response Toolkit (Virtual)</p> <p><u>University of Washington, Orly Stampfer</u></p> <p>This presentation will review a toolkit (in development) that provides guidance on using low-cost sensors for wildfire smoke response in school and childcares. The sensor data is meant to inform decisions around school and childcare activities. Your feedback on</p>

	<p>benefits, challenges, and limitations of the toolkit are welcome. If low-cost sensors are available, participants will have the opportunity to test out the toolkit.</p> <p>Voluntary Programs</p> <p>IAQ in Head Start Facilities</p> <p><u>Choctaw Nation of Oklahoma, Environmental Protection Services,</u></p> <p><u>Indoor Air Quality, James Parsons</u></p> <p>The Choctaw Nation of Oklahoma modified the EPA IAQ for schools program to fit its head start facilities. Assessments were conducted at all 17 CO head start facilities and corrective actions were taken as needed. We currently have an annual reassessment program in place.</p> <p>Voluntary Programs</p>
Agave	<p>Air Sensors - General overview and applications for use</p> <p><u>US EPA, Amanda Kaufman & ITEP-TAMS, Michael King</u></p> <p>As air sensor technology advances, smaller and lower-cost air quality monitors have emerged, creating opportunities for a range of uses beyond traditional monitoring. These sensors can be used to collect air quality data on a local scale, compare results with existing regulatory monitoring data, or monitor during extreme events, such as wildfires. This presentation will provide an overview of air sensor technology, highlight various uses for the sensors, and update listeners on recent developments in the field. Other topics covered will include data quality, data management, data interpretation and messaging, and tools available on EPA's Air Sensor Toolbox webpage.</p> <p>Technical</p>
12:00 pm to 1:30 pm	Lunch (on your own)
1:30 to 3:30 pm	<p>General Closing Session, Closing Speaker, Door Prizes, Closing Prayer and Retrieval of Colors</p> <p>Lt. Governor Gila River Indian Community – Monica Antone</p> <p>Mehrdad Khatibi & Nikki Cooley – ITEP Co-Directors</p>
Palo Verde A & B	

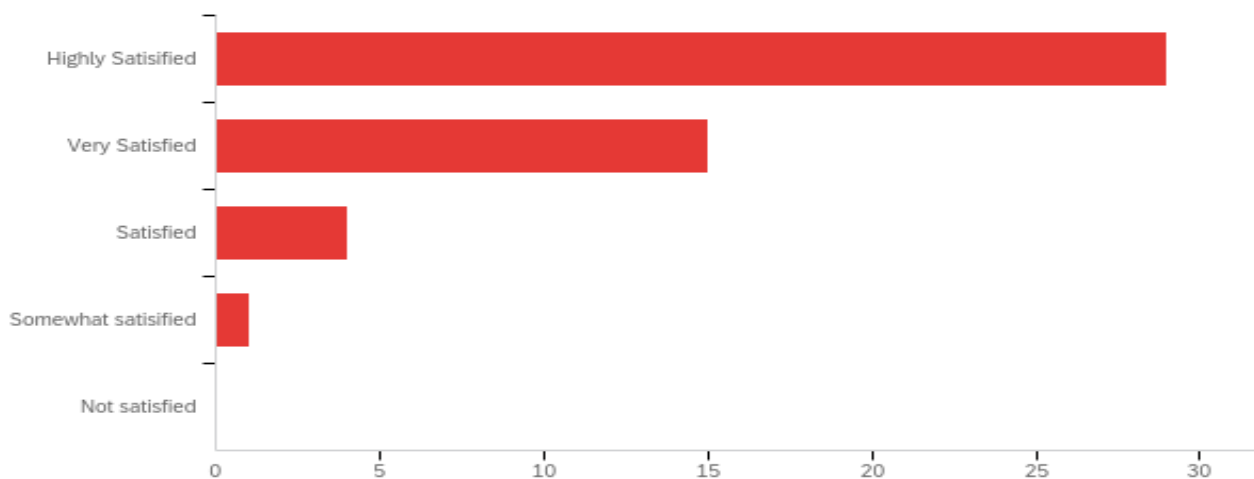
Appendix B: Summary of NTFAQ Attendee Evaluations

Overall, the venue and event were well received. Networking opportunities were mentioned the most in comments both for what was enjoyed and what could be improved. Participants appreciated getting to meet colleagues in person and learn from presentations from other Tribal Air Programs. Improvement comments mostly focused on improving communication and scheduling presentations so there is more

opportunity to attend more sessions by repeating presentations or not overlapping them. Everyone said they would recommend this conference to others, and specific comments can be found in the data below.

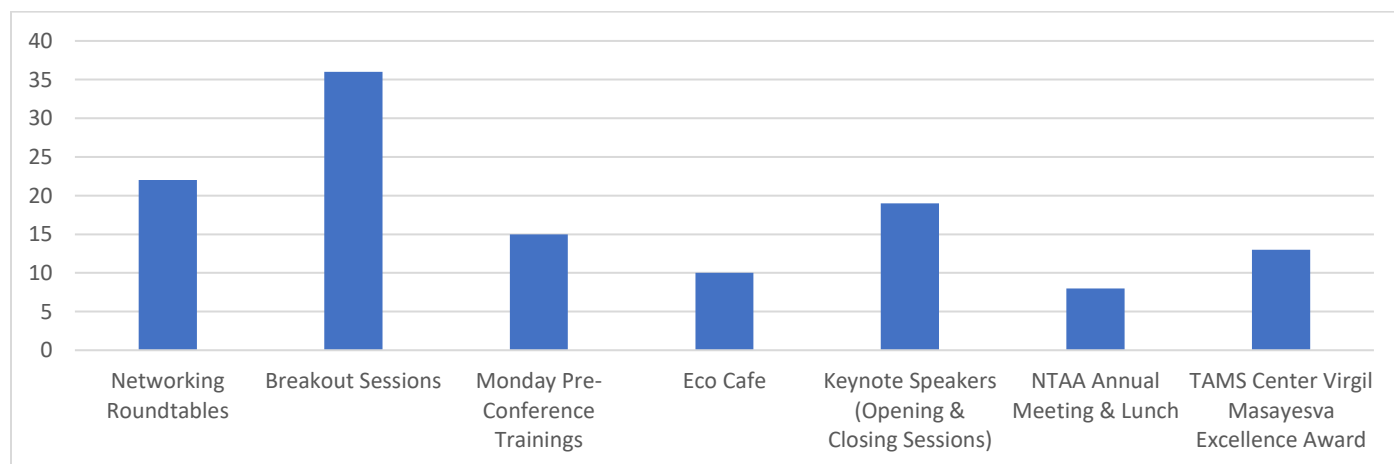
Appendix C: Participant Feedback

Q2 - Overall, how satisfied were you with the 2023 NTFAQ Conference?



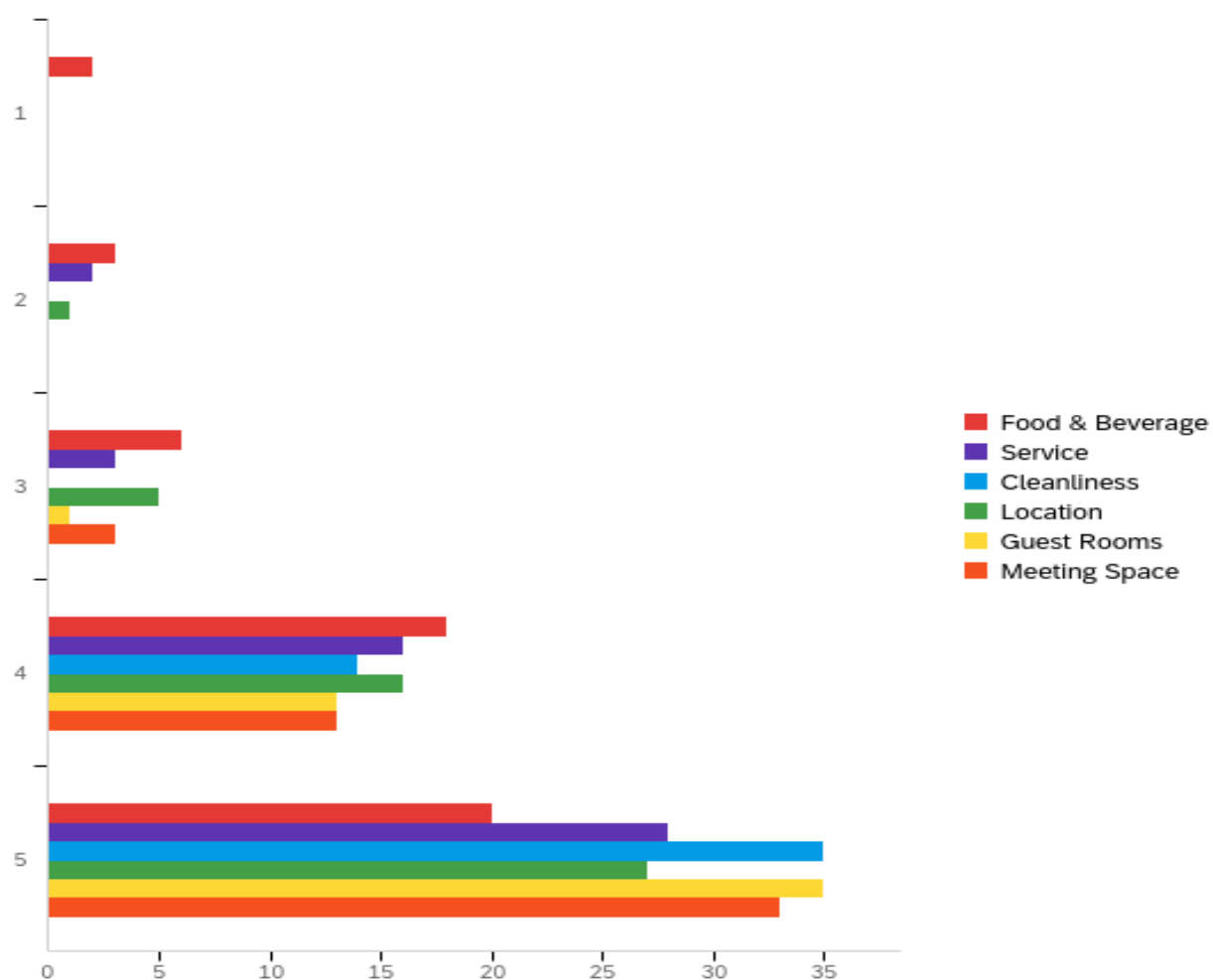
Answer	Count
Highly Satisfied	29
Very Satisfied	15
Satisfied	4
Somewhat Satisfied	1
Not Satisfied	0
Total	49

Q6 - What were your TOP 3 favorite parts of NTFAQ?



Answer	Count
Networking Roundtables	22
Breakout Sessions	36
Monday Pre-Conference Trainings	15
Eco Cafe	10
Keynote Speakers (Opening & Closing Sessions)	19
NTAA Annual Meeting & Lunch	8
TAMS Center Virgil Masayesva Excellence Award	13

Q7 - Please rate this year's venue 1-5 (5 being the highest)



Q12 - What was the most POSITIVE aspect of this year's Forum?

- Hearing Dr. Wildcat speak on Air Quality
- Talking to people in person.
- the turnout, the venue, the schedule
- seeing everyone and networking. Talking with EPA.
- Networking with Tribes!
- All the new airheads!!
- I liked that there was time between sessions to network and talk with the other attendees. It was nice to meet people from across the U.S. and it didn't feel like everyone that was there was local.
- All of the positive energy, collaborative activities, and informative sessions!
- I loved the field trip to the Gila River interpretive tour; I loved seeing and listening to all the birds
- Everything was great-this was my first time attending in person.
- There was a lot of optimism for the change that could come, and it was good to see the presentations from Tribal air programs.
- Dr. Daniel Wildcat's keynote speech. We need to hold a Forum at Haskell!
- Everyone seemed positive and was happy to be participating in the forum!
- Dr. Wildcat was awesome I just wish he had more time to speak and having so many new people attend
- Networking with people from different places
- Meeting new people, learning new things, and Arizona was beautiful!
- Indoor air quality training
- Networking with so many new people and with federal agencies
- Jessa Calderon's performances as well as the opportunities to learn about Gila River Indian Community's traditional culture.
- Networking with colleagues and vendors
- I learned so much from talking with the seasoned and new professionals. They all had varying experiences that they shared. I liked having an opportunity to talk with people one on one.
- The presenter's expertise, EPA Administrator in attendance
- Networking
- The positivity.
- The conversations in the hallways.
- I loved the networking. It was the best I've experienced at any conference. Thank you for scheduling the roundtables, the eco cafe, the longer breaks to have talks, the outings - all these activities foster connections.
- How friendly and welcoming everyone was, especially ITEP/NTAA/TAMS staff.
- I liked the variety of sessions and making connections with the other participants.
- Everyone being together. The sessions were great and very informative.
- Meeting great people. The networking round tables were my highlight, I hope they continue. It would be even better to extend it by 30 minutes so folks can go to more tables for more conversation.

- Networking
- Everyone being in person and not hybrid
- Networking
- Co-presenting with my granddaughter
- All of information I was able to learn
- Seeing and hearing about programs that are addressing AQ issues in smaller communities, and the progress they are making. Also, the very good & hot weather!
- The Tribal presentations just keep getting better
- networking
- SHARING DATA AND DISCUSSION ON QUESTIONS AFTER PRESENTERS HAD Q&A
- The outcome
- Networking with others
- The gathering of native professionals who came together for the purpose of learning, networking, educating, and sharing.
- Reunion with tribal aq professionals in person.
- Networking
- Communication

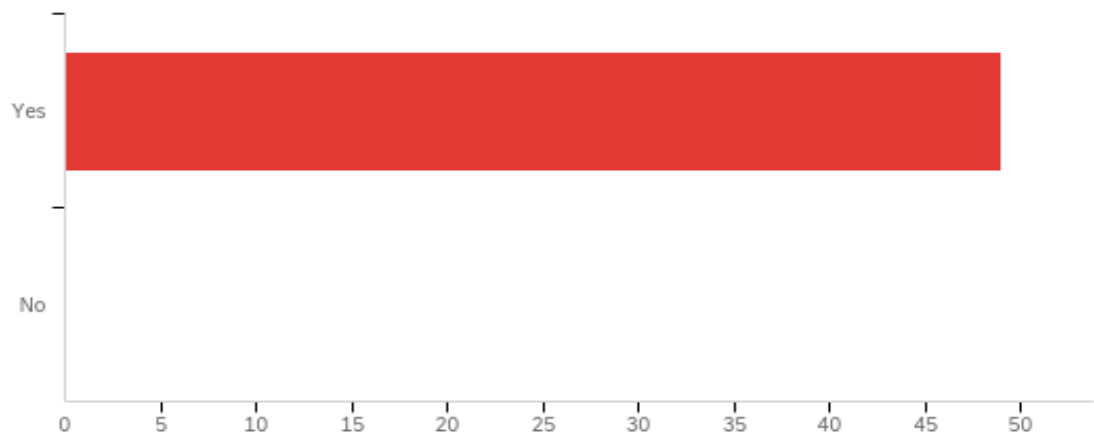
Q13 - What can we do to improve the NTFAQ experience for next year?

- longer networking session
- maybe more chances/options to be outdoors during the day (weather depending)
- doing a good job!
- Nothing else, Good Job!!
- If able, provide a virtual option.
- Improve the communication of details leading up to the conference. They're minor but sometimes it's helpful to have them instead of guessing. I didn't know there was an airport shuttle being offered until I showed up to get my luggage. I appreciate the generosity, but it would have been nice to know beforehand. I knew there was going to be a 5k race, but I didn't know details like how to register or if registration was even being offered ahead of time. I signed up for a Monday session/training but when I arrived at the Conference and signed-in, I couldn't remember what I signed up for. It would have been nice to see my registration, whether it arrived via email or in my sign-in packet. There are other small details but sometimes it's nice to have these, so I don't have to guess.
- I would recommend having fewer concurrent sessions, so that folks don't have to pick just one session to go to! Maybe having repeats of sessions?
- The two conferences together were a little confusing but no big deal. It was neat that it was us and another tribal conference though.
- Timely communication before the conference on the shuttle service, registration confirmation, and field trips would be helpful.
- There could be more opportunities for attending Tribes to provide feedback or voice opinions or concerns.

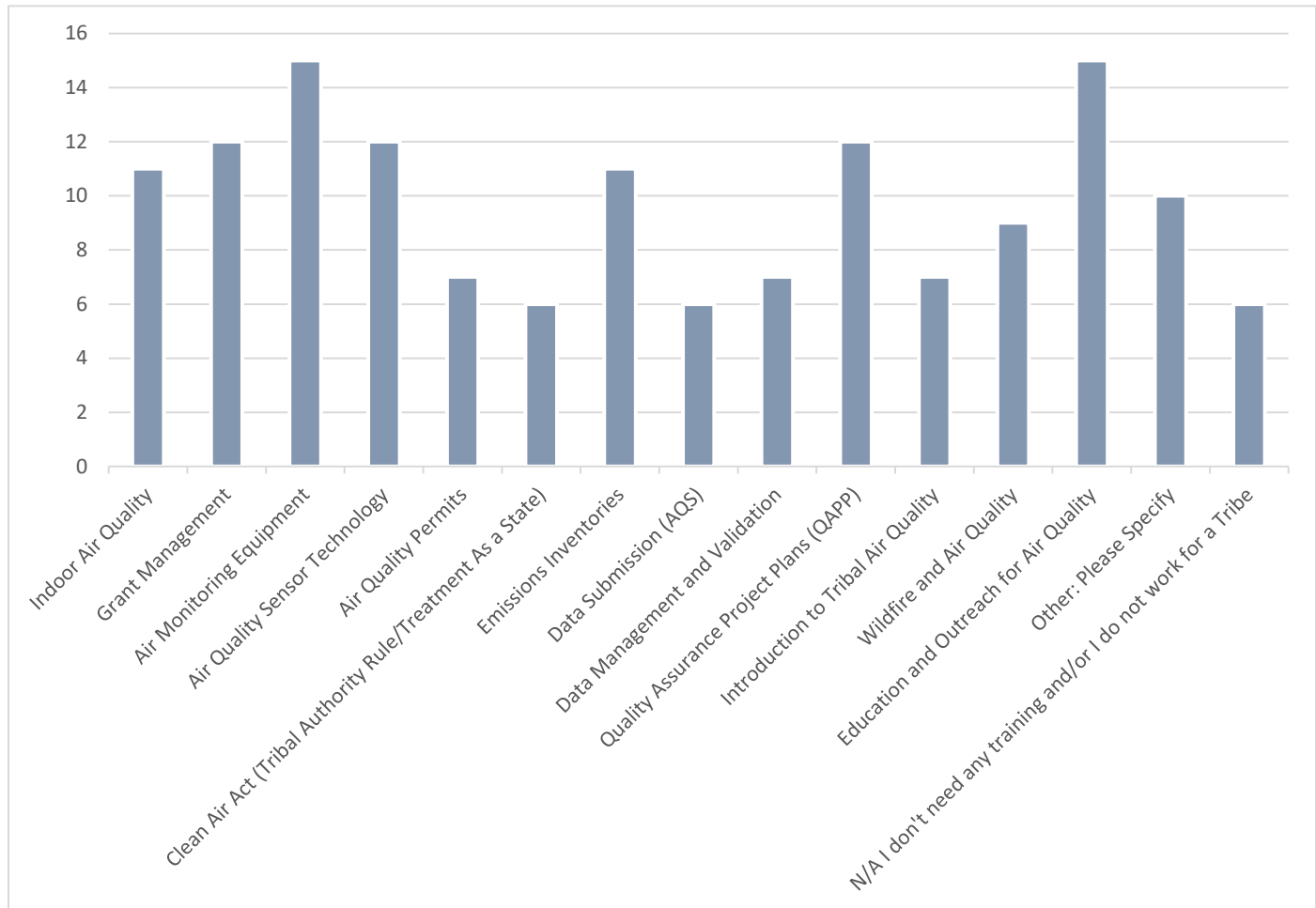
- Plan early. Hire another events coordinator.
- Start on time. Some events started late.
- The schedule was a bit messed up. it's hard to decide which sessions to go to if 2 interesting ones are overlapped.
- I'm still wondering if we cannot have so many conflicting Tribal breakout sessions at the same time (maybe only have 2-3 at a time, these could be planned along with EPA-led sessions. EPA information is usually well documented whereas Tribal information is only presented live at the conference). Also, several presenters this year, including myself, had their time slots moved from previous scheduled times. This is not acceptable. Presenters should be notified of any changes to the presentation schedules.
- Next location would be awesome if it allowed for short walking distance to local places to eat/explore. More time for networking roundtables would be cool!
- Sovereignty breakout session
- 1-Better planning. I know this was hindered by the loss of the coordinator. However, many suggestions were not taken into account (i.e., planning comm was not used to full extent) and tracks/presentations were moved out removed without notification. Solution: hired another Julie 😊
- 2- The fun run needs to move back to Thursday night, it's a nice ending to the conference. Taking time out of the conference takes away from information that could be shared. I get it was hot but we did Ft McDowell at night and that was amazing.
- As a newbie, I struggled with trying to meet and introduce myself to people. I don't know how to fix this, but things like the networking round tables and having more group work or purposeful interaction with neighbors at breakout sessions helps.
- it was great.
- Due to the location of the conference site, it was challenging to find budget-friendly food options. But I understand that can be a compromise when selecting a location.
- Are round tables really necessary?
- More in-person presentations. The virtual presentations were okay, but in-person presentations allow for more immediate interaction and collaboration.
- include more break-out sessions.
- Have the fun run later in the day
- The breakout sessions were awesome and at times, there were two that I wanted to go to at the same time. Not sure how to fix that, except recording the sessions and posting after the conference.
- To reduce travel costs maybe hold an ITEP training prior to conference starting...though that would put a tremendous amount of work on staff, and I wouldn't want them to be overburden but just a thought.
- I felt not everything was communicated very well. There were details I didn't know, or I missed even though I thought I was paying attention. Overall, it was great though
- The last day was very choppy. I would suggest a light lunch and the closing session to coincide. You lost a lot of people who didn't come back after lunch.
- Fewer overlapping breakout sessions.

- Provide more case studies.
- Access to less expensive food during the conference.
- Better shuttle services, as we arrived at about 6 a.m., and had to wait for the first shuttle to WHP.
- Pedestals for the Networking signs...
- vendor space was a bit cramped
- MORE PRESENTERS
- Request the same location it was beautiful!!!
- Do it better than Gila River Indian Community AQ Program!
- N/A

Q14 - Would you recommend NTFAQ to a colleague or co-worker?



Q15 - Professional Development: Please identify what type of opportunities are needed for your job. Select all that apply.



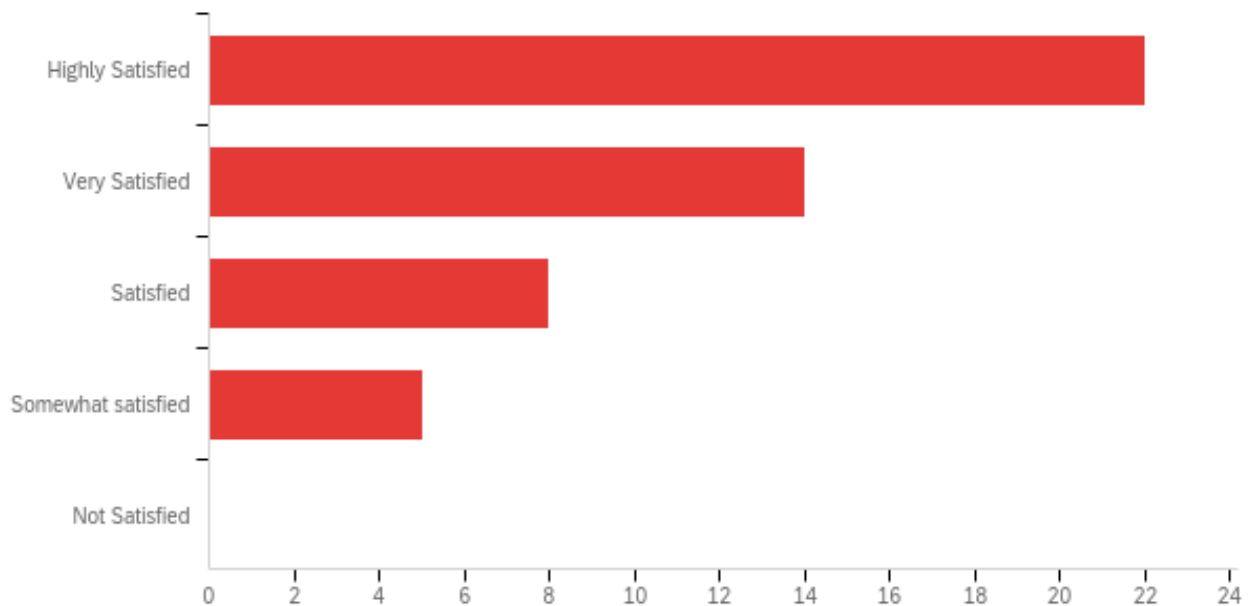
Other: Please Specify

- maybe some IT related skills building
- All above
- Emergency Preparedness
- no cost vendor trainings
- Radon testing/mitigation certification
- Air permit commenting, commenting on rules
- All above are applicable, but the buttons won't all stay lit up.
- Pretty much all, was unable to click more than one
- All of the above, it wouldn't let me choose more than one.
- CAA Planning section, tribal sovereignty, TAR, 25 years of tribal AQ.

Q17 - We are seeking feedback on 2024 NTFAQ locations! Where should we go next?

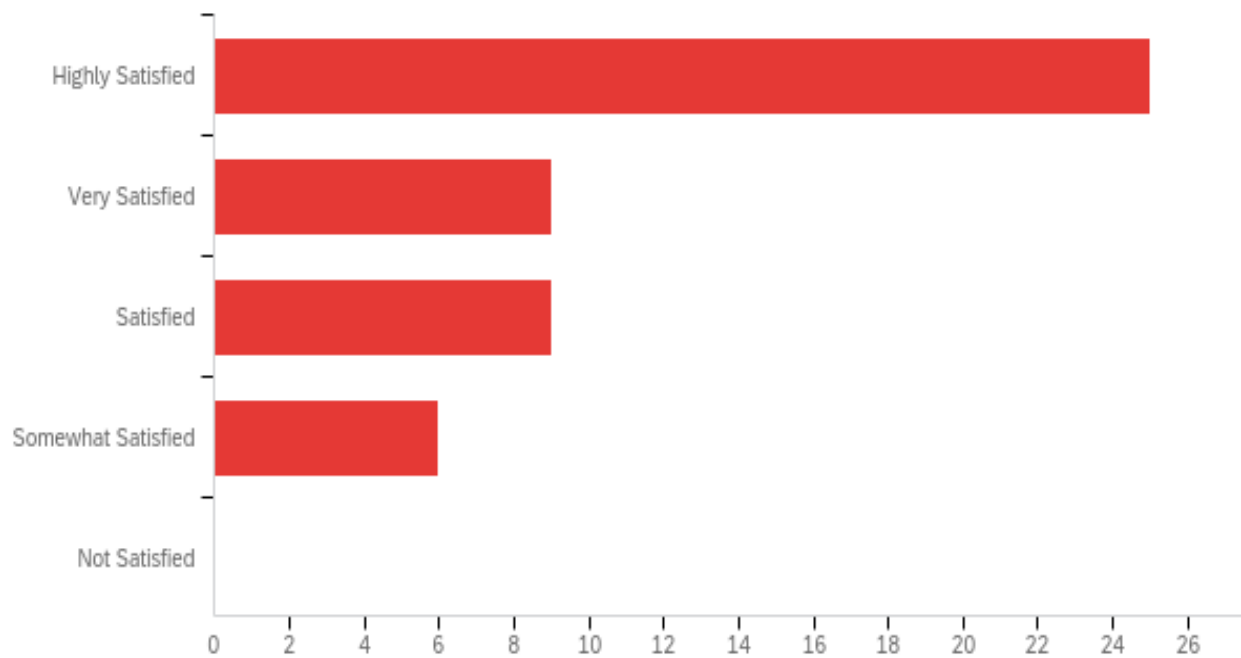
- Northwest or East US
- The Pacific Northwest
- How about an East Coast Tribe
- Northwest Coastal Tribal Lands
- Pacific Northwest or Florida
- Southern California
- Southeast or eastern regions
- Haskell Indian Nations University, Lawrence, KS
- Minnesota, California, Montana, Florida
- Cherokee NC or Poarch Band of Creek Indians (somewhere in the southeast)
- Northwest
- Somewhere with easy access to food and cool places to visit off-grounds :)
- Pacific NW? Anyone who will host!
- A tribal resort convenient for all attendees near large airport like this one.
- Twin Arrows
- Hyatt Regency Tamaya Resort - Santa Ana Pueblo, (Bernalillo, NM or Sandia Resort and Casino - Sandia Pueblo (Albuquerque, NM)
- Oregon, Washington, Maine?
- Northwest or the southeast sounds different
- Pacific Northwest
- Tuscan, AZ
- Pacific Northwest
- West coast
- Flagstaff, AZ
- Hawaii would be nice, or San Diego.
- Shinnecock or Miccosukee.
- CALIFORNIA
- Seattle
- Tribes close to Niagara Falls would be nice! Also, Florida
- Anchorage Alaska
- Northern Quest Casino, Spokane

Q22 - How satisfied were you with the information provided on the NTFAQ website?



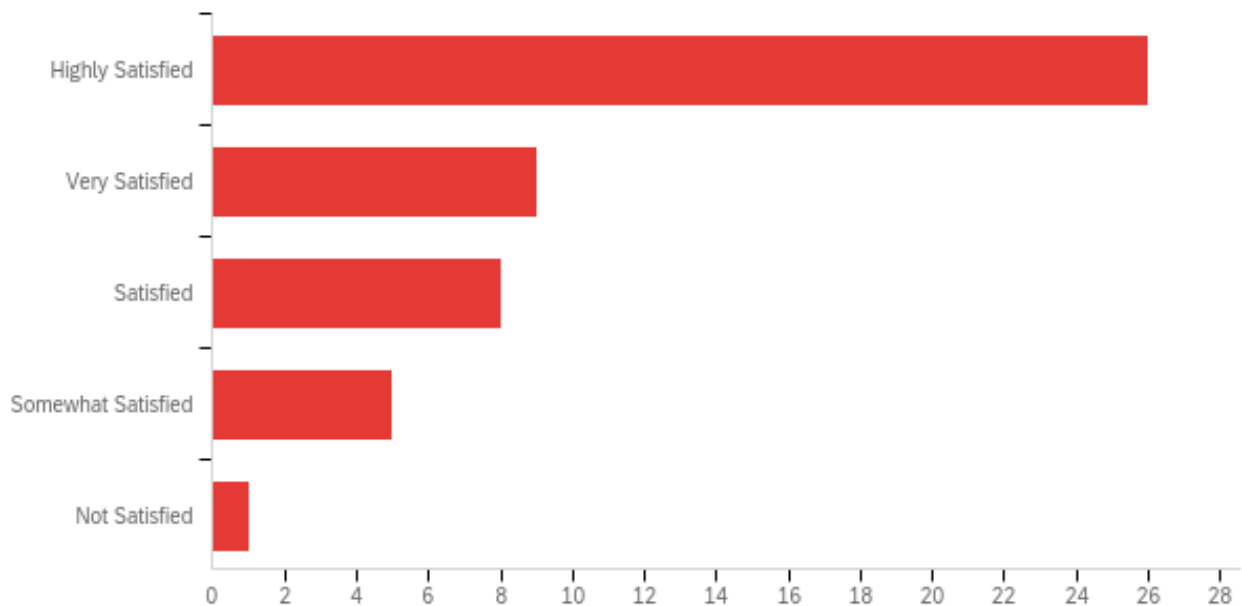
Answer	Count
Highly Satisfied	22
Very Satisfied	14
Satisfied	8
Somewhat satisfied	5
Not Satisfied	0
Total	49

Q29 - How satisfied were you with the registration and payment process for NTFAQ?



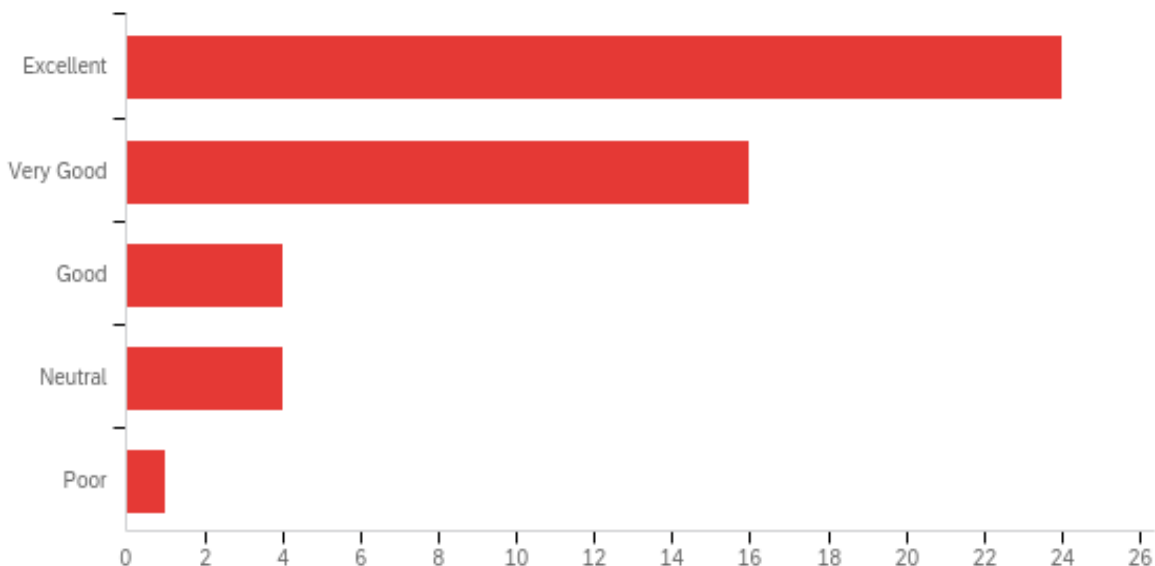
Answer	Count
Highly Satisfied	25
Very Satisfied	9
Satisfied	9
Somewhat Satisfied	6
Not Satisfied	0
Total	49

Q24 - How satisfied were you with communication from our staff prior to the conference?



Answer	Count
Highly Satisfied	26
Very Satisfied	9
Satisfied	8
Somewhat Satisfied	5
Not Satisfied	1
Total	49

Q25 - How would you rate the pre-conference trainings and breakout sessions that you were offered at this year's NTFAQ?



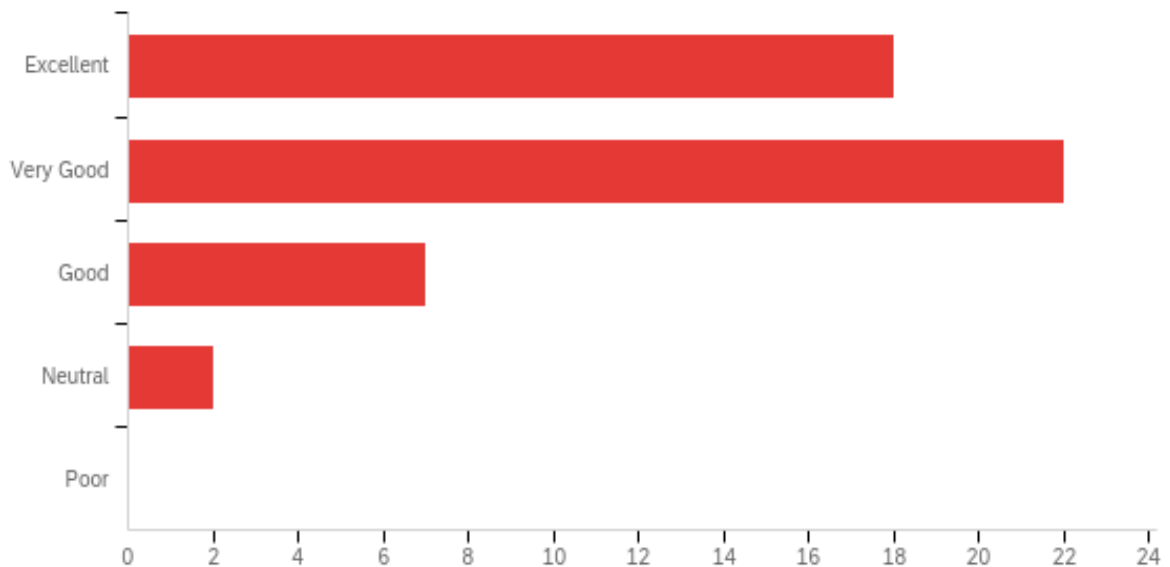
Answer	Count
Excellent	24
Very Good	16
Good	4
Neutral	4
Poor	1
Total	49

Q26 - Do you have any suggestions on how we can improve pre-conference training and breakout sessions at future NTFAQs?

- Spread out the tables at the networking session. It was so loud we had to yell at each other to hear.
- stay with the ideas that showcase local Tribal culture.
- I liked the variety of sessions and trainings, and it would be nice to continue to do that.
- I think if there could be fewer concurrent sessions (it was challenging to pick just one to go to!).
- You are all doing a great job! I don't have any suggestions.
- Could involve the audience getting to know each other more.
- Specific trainings such as hands-on training with monitoring equipment.
- No
- Don't forget to schedule presentations that were accepted. I was on a panel that didn't get on schedule.
- Maybe divide into more sessions? Or have a recording available of sessions-- it would be nice to see what I may have missed in other sessions.
- If these could be released sooner to allow for travel planning, it would allow for more to attend.

- The Gila River Interpretive Trail was great, but it felt short and would've been nice to spend a longer time at the site and learn more.
- As a moderator, I think getting the presentations earlier in the day to upload would be helpful. Perhaps even meeting the presenters before would be helpful. A short meeting to introduce presenters and moderators before sessions. I know presenters were supposed to send their slides before the conference, but not everyone did. I also enjoyed the Gila River tour; The Gila River staff were so welcoming and shared a lot of great information on what their departments were working on.
- Not at this time.
- It would be nice to have more break-out sessions.
- have training on air sensors and also have the general overview presentation on air sensors earlier in the conference. It would set the tone for the rest of the conference.
- It would be great to record the presentations and post to the website afterward so that we can listen to the ones we missed.
- It was noted a few times how many new people attended the conference. I know ITEP already offers an intro course to AQ but it may be helpful to have a crash course all day session on AQ basics or something of that nature but only after asking for tribes input prior if they would be interested in attending?
- I attended Air Quality for Newbies. The session was disjointed and hard to follow. Lots of acronym speak with no definitions, which for Newbies made it even harder to understand.
- There were too many simultaneous breakout sessions. I could not attend all the ones of interest. Please have fewer overlapping in the future.
- Breakout sessions were great. Recommend more youth involvement. Recommend more focus on hearing from tribal staff.
- I would have loved to attend the tours but with the workshops going on simultaneously it was difficult to do.
- Input from Tribes on issues they may need help in addressing, or roadblocks in Program Development.
- I was not able to attend these.
- N/A
- Everything went so smooth, and I enjoyed it!
- I am biased with Clean Air Act, regulatory AQ program stuff; not indoor air, EJ, radiation...

Q27 - How would you rate the vendor and exhibitor experience at NTFAQ this year?



Answer	Count
Excellent	18
Very Good	22
Good	7
Neutral	2
Poor	0
Total	49

Q28 - Do you have any suggestions on how we can enhance the vendor and exhibitor experience at future NTFAQs?

- like the being able to see and talk to vendors with the latest and greatest technology
- Mini breakout sessions where they demo equipment
- The only thing was the booths were unmanned a lot of the time. Info was left but there wasn't anyone to answer questions. I understand people can only allocate certain times for this and couldn't stay the entire time, but it would be nice to have had someone to talk to about programs and products
- no
- Surprised by low-cost sensor technology and how far they have progressed.
- No
- There were tons of vendors that was really great.
- Vendors were expensive
- I might have missed pre-conference info about the vendors and exhibitors. Would be interesting to provide info on who will be providing vendor exhibits so we can be prepared to purchase things.

- no
- A possible list of the vendors/exhibitors who will be present
- Costs involved, especially the shipping & possible maintenance for programs in rural areas, mostly Alaskan costs in NW and Northern Alaska.
- So, the vendors beyond the corner were visited less during the Eco-Cafe. Not sure how to compensate for that? Maybe split evenly and require three from each section.
- NONE
- I don't have any suggestions but to have a lot was great!!!
- NA
- Timely communication before the conference on the shuttle service, registration confirmation, and fieldtrips would be helpful.
- There could be more opportunities for attending Tribes to provide feedback or voice opinions or concerns.
- Plan early. Hire another events coordinator.
- Start on time. Some events started late.
- The schedule was a bit messed up. It's hard to decide which sessions to go to if 2 interesting ones overlapped.
- I'm still wondering if we cannot have so many conflicting Tribal breakout sessions at the same time (maybe only have 2-3 at a time, these could be planned along with EPA-led sessions. EPA information is usually well documented whereas Tribal information is only presented live at the conference). Also, several presenters this year, including myself, had their time slots moved from previous scheduled times. This is not acceptable. Presenters should be notified of any changes to the presentation schedules.
- Next location would be awesome if it allowed for short walking distance to local places to eat/explore. More time for networking roundtables would be cool!
- Sovereignty breakout session
- 1-Better planning. I know this was hindered by the loss of the coordinator. However, many suggestions were not taken into account (i.e., planning comm was not used to fill extent) and tracks/presentations were moved out removed without notification. Solution: hired another Julie 🤪
- 2- The fun run needs to move back to Thursday night, it's a nice ending to the conference. Taking time out of the conference takes away from information that could be shared. I get it was hot, but we did Ft McDowell at night and that was amazing.
- As a newbie, I struggled with trying to meet and introduce myself to people. I don't know how to fix this, but things like the networking round tables and having more group work or purposeful interaction with neighbors at breakout sessions helps.
- It was great.
- Due to the location of the conference site, it was challenging to find budget-friendly food options. But I understand that can be a compromise when selecting a location.
- Are round tables really necessary?
- More in-person presentations. The virtual presentations were okay, but in-person presentations allow for more immediate interaction and collaboration.
- include more break-out sessions.
- Have the fun run later in the day

- The breakout sessions were awesome and at times, there were two that I wanted to go to at the same time. Not sure how to fix that, except recording the sessions and posting after the conference.
- To reduce travel costs maybe hold an ITEP training prior to conference starting...though that would put a tremendous amount of work on staff and I wouldn't want them to be overburdened but just a thought.
- I felt not everything was communicated very well. There were details I didn't know, or I missed even though I thought I was paying attention. Overall, it was great though.
- The last day was very choppy. I would suggest a light lunch and the closing session to coincide. You lost a lot of people who didn't come back after lunch.
- Fewer overlapping breakout sessions.
- Provide more case studies.

Appendix D: Photos from the 2023 NTFAQ



Keynote speaker Dr. Daniel Wildcat provided his remarks to kick off NTFAQ.



Networking roundtables provided a great opportunity for participants to move around and learn about important air quality issues and how other Tribal air staff handle them.



The Eco Cafe provided another networking opportunity that included vendors, exhibitors, service providers, EPA and other federal agency representatives.



A performance by Gila River Basket Dancers kicked off the night at the Virgil Masayesva Tribal Air Program Excellence Award and Dinner



Craig Kreman, Environmental Director for the Quapaw Tribe, NTAA Region 6 Representative and NTAA Treasurer was the recipient of the 2023 Virgil Masayesva Tribal Air Program Excellence Award.



Vendors were on hand to provide information on tools and services available.



51 Participants joined in on the fun run 5k which was kicked off with a prayer.