

Tribal Air Monitoring



Support Center

Tribal Air Monitoring Support (TAMS) Center Services and Update 2017

Alaska Tribal Conference on Environmental Management
Nicole Johnson, TAMS Center Steering Committee Member
November 14th, 2017

TAMS Center

Mission Statement:

“...strives to develop tribal capacity to assess, understand, and prevent environmental impacts that adversely affect health, cultural, and natural resources.”

- TAMS Center Services - The TAMS Center has developed tailored technical support that the tribal professional can benefit from and maximize their limited resources to better understand the air quality in their community
 - Classroom training
 - Professional Assistance (PA)
 - Ambient/Indoor Air Quality equipment loan,
 - Gravimetric Laboratory support, and
 - Mentorship
- Over 1,900 Tribal AQ Professionals Trained from over 298 tribes
- TAMS Tribal Customers get results; Tribes have utilized the services of the TAMS Center broadly and have utilized their learnt skills to reduce risk in their communities.

Keys to TAMS' Success

Mission Focused Entirely on Tribes

- Partnership: EPA – ITEP – Tribes
- Tribal Direction: Steering Committee
- Continuous Improvement
 - Student Evaluations
 - Follow-up with students
- Peer Training: Tribal Instructors & Expertise
- Relevant: Tailored to Tribes
 - Curriculum
 - Professional Assistance
 - Tools
- Facilities and Equipment
- Tuition / Travel support



2017 Accomplishments

- Training Courses
 - 1. Classroom trainings**
 - Introduction to Tribal AQ
 - AQ in AK (April 2018)
 - Fundamentals of Air Monitoring
 - Planning for Wildland Smoke (hybrid)
 - IAQ Diagnostic Tools
 - 2. On-line trainings**
 - EI Fundamentals
 - EI Advanced
 - QA Fundamentals



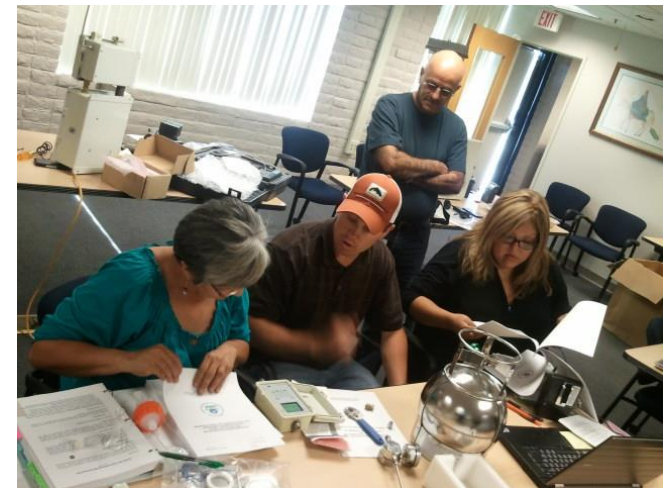
FY17 Accomplishments

- **Professional Assistance**

- Leech Lake
- Pyramid Lake
- Lower Sioux
- Hualapai
- Hoopa
- Red Lake
- Ute Mountain Ute
- Augustine Band of Cahuilla

- **Gravimetric Laboratory** – Service revised to allow for more tribes to utilize

- Catawba
- Coushatta of Louisiana



2017 Accomplishments

- **Equipment Loan**
 - Manzanita
 - Sisseton Wahpeton Oyate
 - Cabazon
 - La Jolla
 - Trinidad Rancheria
 - ITCA
 - White Mountain Apache

FY18 Planned Activities

- Training Courses – Fundamentals of Air Monitoring, IAQ Diagnostic Tools, GIS for Air Quality
- Professional Assistance – 10 PAs/yr budgeted
- Gravimetric Laboratory Support
 - 10 Tribes/yr
- Equipment Loan – As needed, to date most support requested is for particulate samplers. Limited gaseous sampler support is available.
- TAMS Steering Committee Meetings – 2/yr

TAMS Steering Committee Priorities

- TAMS Steering Committee meets twice a year – Guide support priorities
- TAMS Needs Assessment Implementation Plan
 - 1st:Criteria Pollutant Air Monitoring Instruments
 - 2nd:Other Air Monitoring Instrumentation
 - 3rd:Data Management
 - 4th:IAQ
 - 5th:Professional Assistance
- Technical Documents
 - Tribal Air Monitoring Guidance
 - Tribal Air Monitoring Inventory
- Website Update
 - Equipment Loan webpage
- Coordination with NTAA



Indoor Air

- Emerging TAMS Priority
 - TAMS Needs Assessment
 - NTAA Needs Assessment
 - TAMS SC



- Advanced “IAQ Diagnostic Tools Training”
- Indoor Air Assessment Equipment

TAMS Outreach

- Regional TAC Calls/Meetings
- OAR Tribal Coordination Calls/Meetings
- National Tribal Forum
- NTAA Policy Calls
- Regional tribal program meetings
- ORIA Tribal Team
- National Air Monitoring Conference

TAMS Center Steering Committee



- Chair- Shaina White ('19) – Inter Tribal Council of Arizona, Inc.
- Co-Chair- Frank Spurgeon ('18) – La Jolla Band of Luisueno Indians
- Joe Cebe ('18) - Forest County Potawatomi Community
- April Hathcoat ('18) - Cherokee Nation
- Nicole Johnson ('20) – Ugashik Traditional Village
- Camillie QuickBear ('20) – Sisseton Wahpeton Qyate
- Kris Ray ('18) – Confederated Tribes of Colville Reservation

TAMS Center Staff

- Farshid Farsi – EPA-TAMS Co-Director
- Christopher Lee – ITEP-TAMS Co-Director
- Darlene Santos – ITEP Admin Associate
- Melinda Ronca-Battista – ITEP Research Associate/Health Physicist
- Angelique Luedeker – ITEP Technology Specialist II
- Glenn Gehring – ITEP Technology Specialist III
- Alfonso Yadao– NOWCC-TAMS Equipment Manager

Request for Information

Alaska Steering Committee Representative

Nicole Johnson

(C) 907-310-7009 or (O) 907-338-7611

IGAP@ugashikvillage.com (or) mandnconsulting@gmail.com

Chris Lee

TAMS Center Co-Director (ITEP)

702-784-8278

Christopher.Lee@nau.edu

Farshid Farsi

TAMS Center Co-Director (EPA)

702-784-7263

Farsi.Farshid@epa.gov

<http://www7.nau.edu/itep/main/tams/Home/>

Thank You!