

# Tribal Air Monitoring Support (TAMS) Center



**TAMS CENTER UPDATE**  
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# A Brief History

- ◆ 1998/9 OAQPS & NCRFO (formerly R&IE) develop a working relationship regarding tribal technical air monitoring support.
- ◆ 1999 NCRFO and NAU-ITEP form a partnership to provide tribes with PM<sub>2.5</sub> workshops.
- ◆ 2000 tribal forum meets with Bob Perciasepe to formalize a joint tribal/EPA partnership.
- ◆ TAMS Center is created as a result.

# TAMS Center



- ◆ Collaborative Program – NAU-ITEP & USEPA
- ◆ Located at the EPA NCRFO in Las Vegas, NV
- ◆ Provide technical support to tribes.
- ◆ Guided by Tribal Steering Committee





# Services Overview

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- ◆ Unique partnership between EPA/NAU/Tribes.
  - EPA and NAU-ITEP full-time staff
  - 7 member tribal steering committee
  - Network of tribal environmental professionals
- ◆ Serves as a model of tribal and government cooperation for all of EPA and other agencies.
- ◆ Most of all TAMS has been a tremendously successful joint venture.



# Virgil Masayesva Environmental Learning Center

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# FY14 Training Courses

Sept 9-12 Introduction to Tribal Air Quality, Flagstaff, AZ

Sept 30-Oct 3 Air Pollution and Ecosystems, Flagstaff, AZ

Nov 4-7 SIP Course, Dallas, Tx

Nov 18-21 Indoor Air Quality (IAQ) Diagnostic Tools, Las Vegas, Nv

Jan 13-15 Air Quality System (AQS), Las Vegas, Nv

Jan 13-16 Air Quality Computations, Flagstaff, Az

Feb 3-6 Clean Air Act and Permitting, Las Vegas, Nv

Mar 2-6 Air Pollution Technology, Flagstaff, Az



# FY14 Training Courses

Mar 2-6 Air Pollution Technology ,Flagstaff, Az

Apr 7-9 GIS for Air Quality, Las Vegas, Nv

Apr 14-16 Indoor Air Quality in Tribal Communities, TBD

Apr 28-30 Air Pollution Modeling,Las Vegas, Nv

June 2-5 Introduction to Tribal Air Quality,TBD

Jul 1 - Sept 30 Emissions Inventory - Advanced (NEW) Web-based

Nov 2014 Tribal Data Toolbox Web-based

Spring 2015 Climate Change Science and Outreach Web-based

Spring 2015 Emissions Inventory - Fundamentals Web-base



# Equipment Verification & Loan

- **Particulate Samplers**
- **Mercury Monitors**
- **Tribal School Air Toxics Monitoring Projects**
- **Ancillary audit/verification equipment**
- **Gaseous Monitors (Ozone monitoring)**



# Gravimetric Laboratory



# Professional/Technical Assistance



# Mercury Monitor Loan Program



- ◆ New initiative started in 2008
- ◆ A total of 2 wet deposition monitors and rain gauges available at TAMS Center for loan to tribes for 12 months



# Tribal School Air Toxics Monitoring

- ◆ National School Air Toxics Monitoring Initiative
- ◆ TAMS overseeing Tribal Project
- ◆ 60 – 90 day sampling paid by EPA
- ◆ Application online – TAMS Website





# Data Management/Quality Assurance Support

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- ◆ TurboQAPP
- ◆ Tribal Data Toolbox





# TAMS Center Training Platform

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# TAMS Center

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Questions?

