PM2.5 Data Management Software Demonstrations
2 sessions: 8:00-12:00 & 1:30-5:00

Description:

Software tools have been developed to assist State and local agencies with the data management aspects of PM2.5 (i.e., collecting data from the monitors, administering and housing the data, and reporting it to AIRS). The main focus of these sessions will be an in-depth demonstration of a 'PM2.5 Database' developed for the Mid-Atlantic Regional Air Management Association (MARAMA). [Other tools, assist organizations, and State experiences will also be mentioned in the morning session.] The MARAMA PM2.5 Database has the ability to:
- accept electronic files from both Andersen and R&P monitors as inputs
- accept filter data from laboratories in the form of an Excel spreadsheet
- rapidly input filter ID data using a bar-code scanner
- review, edit, quality check and report the data
- produce AIRS transaction files

The tool is an implementation of the popular Microsoft Access database. MARAMA has made the database available to all State agencies. In conjunction with MARAMA and the EPA, PES maintains a web site for this data management tool that allows users to access the system and its documentation and to review problems reported by others and their resolution. EPA seeks to assist non-MARAMA agencies in evaluating and using the MARAMA PM2.5 database in the interest of improved data management capabilities and improved overall data quality.

Agenda:

Morning Session

8:00am	Mark Schmidt: EPA/OAQPS/EMAD	Introductions
8:10	Ken Fabric: The Aristos Group. Inc.	Gravimetric Laboratory Information Management System for PM2.5 (GLIMS)
8:20	Barb Smith: MTL Corporation	Data Management related excerpts from "An Evaluation of PM2.5 Filter Weighing from an Autohandler Approach"
8:30	Paul Sierzenga: Bureau of Air Quality Surveillance, NYS Department of Environmental Conservation	"New York PM2.5 Data Management System"
8:40	David Holoman: PES	The MARAMA PM2.5 Database
10:00	Break	
10:30	David Holoman	The MARAMA PM2.5 Database, cont.
1:00pm	Session over	

Afternoon Session

1:30pm	Mark Schmidt: EPA/OAQPS/EMAD	Introductions
1:40	David Holoman: PES	The MARAMA PM2.5 Database
3:00	Break	
3:30	David Holoman	The MARAMA PM2.5 Database, cont.
5:00	Session Over	