

Guide to EPA's PM_{2.5} Monitoring Training

Overview

The U.S. Environmental Protection Agency (EPA) promulgated revisions to the National Ambient Air Quality Standards in July of 1997. The July 97 rule established an ambient air standard for fine particles (PM_{2.5}) and a requirement to establish and maintain an ambient air monitoring network for PM_{2.5}. We have divided this info into four technical areas: Network Design, Monitoring Methods, QA/QC, and Chemical Speciation.

Training Overview

To support the implementation of PM_{2.5} monitoring, EPA has developed a diverse training program including:

- Air Pollution Training Institute (APTI) technical courses
 - guidance materials
 - satellite broadcasts via the Air Pollution Distance Learning Network (APDLN)
 - videotapes
 - workshops
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Target Audience

This training program has been designed to meet the needs of a range of air quality professionals at the Federal, Tribal, State and local government levels as well as the private sector.

- guidance materials
 - technical assistance
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Network Design

- Videotape: Network Design, March 1998
- APTI Course SI 433: Network Design and Site Selection for Monitoring PM_{2.5} and PM₁₀ in Ambient Air**, March 1998
- APDLN Broadcast: PM_{2.5} Monitoring Update- Network Design, March 25, 1998

Monitoring Methods

- Videotape: Balance Room Set-up May 1998
 - APDLN Broadcast: PM_{2.5} Monitoring Update - Monitoring Focus, June 1998
 - EPA and A&WMA Training on PM_{2.5} "Laboratory and Sampling Equipment" held at Research Triangle Park, NC (*details available on AMTIC*)
 - APTI Course SI 434: Introduction to Ambient Air Monitoring**, July 1998
 - Videotape: Monitor Operations, June 1998
 - APTI Course 435: Atmospheric Sampling*, August 1998
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QA/QC

- Videotape: PM_{2.5} Monitoring QA/QC, Fall 1998
 - APTI Course SI 471: General Quality Assurance Considerations for Ambient Air Monitoring**, September 1998
 - APTI Course 470: Quality Assurance for Air Pollution Measurement Systems*, August 1998
 - APDLN Broadcast: PM_{2.5} Monitoring Update- QA/QC Focus, October 1998
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Chemical Speciation

- APDLN Broadcast: PM_{2.5} Monitoring Update- Chemical Speciation Focus, December 1998
- Videotape: Chemical Speciation, Winter 1999

* *Schedules for classroom courses can be requested at: (919) 541-3724*

***Self-instructional (SI) courses may be ordered anytime at: (919) 541-3724*

For PM_{2.5} information on monitoring guidance and other technical information go to the Ambient Monitoring Technology Information Center (AMTIC) Internet site
>www.epa.gov/ttn/amtic/amticpm.html<

For additional information on EPA's PM_{2.5} monitoring training contact:

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>www.epa.gov/oar/oaqps/eog<

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Partial listing of organizations providing PM_{2.5} monitoring training:

A&WMA...>www.awma.org<

CARB...>www.arb.ca.gov<

Metro IV...>www.metro4.org<

NESCAUM...>www.nescaum.org<

STAPPA/ALAPCO...>www.4cleanair.org<

WESTAR...>www.westar.org<

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