AIR QUALITY MONITORING DATA MANAGEMENT

Lead Instructor: Michael King
Other Instructors: Christopher Lee, Melinda.Ronca-Battista, and Angelique Luedeker

This course is intended to introduce data management, management tools and data review techniques that, if implemented and followed, should result in consistently validated, quality data to support well-informed decisions. The course focuses on data management as it applies to monitoring criteria pollutants in ambient air, but it may also be adapted for other air monitoring programs. Ambient air monitoring organizations are required to establish quality systems for their air monitoring programs. Data management activities and requirements are fundamental to this system. The course will highlight Tribal Case Studies to provide further insight into the quality system framework and how Tribes are developing and implementing data management and data review programs.

COURSE OBJECTIVES

- Describe why you are monitoring or the purpose of your monitoring.
- Articulate why monitoring decisions and planning need to be driven by your air monitoring objective(s).
- Describe one or more elements that make up the National Ambient Air Quality Monitoring Program quality system.
- Define data management and why you need data management.
- Identify basic data management activities and management tools.
- Articulate why good data management and data review results in higher-quality data.
- Identify two or more key terms commonly used in data management, review and validation of ambient air monitoring data.

TUESDAY
11AM- 1PM (PT)

- JUNE 17, 2025
- JUNE 24, 2025
- JULY 1, 2025

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