

Current and future measurements of air pollutants
Moderator: *Ken Demerjian, SUNY Albany*

SPEAKERS:

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Current and future measurements of air pollutants
– Discussion Points:

- a) What PM_{2.5} mass, speciated PM_{2.5}, and gaseous pollutant data are currently being collected and made publicly available?
- b) What biases and/or limitations exist in the reported measurements of individual air pollutants? Presentation will discuss in detail key issues of importance to epidemiology studies including:
 - i) information concerning the use of blanks data to correct concentration measurements for carbon,
 - ii) measurement of organics by different networks (e.g., IMPROVE, STN) planned changes by EPA: implications for continuity in longitudinal analyses,
 - iii) information concerning detection limits and measurement of transition metals.

Current and future measurements of air pollutants – Discussion Points:

- c) Future of the monitoring networks: What changes in monitor locations and methods for PM mass, components, and gases are expected in the EPA/state air quality networks for the next 5 – 10 years? Will there be sufficient stability/consistency for epidemiologic research?