Purpose: Organic carbon particles are the second most important contributors to regional haze in the MANE-VU region (after sulfates). In addition, organic particles are even more important in major urban areas as a component of PM$_{2.5}$. This meeting is intended to provide an overview of current knowledge about the sources and effects of airborne organic particles, explore linkages between haze and health impacts, learn about methods for estimating source contributions, and discuss potential control measures.

Tuesday July 10th, 2007

9:00 – 10:00  Registration

10:00 – 10:15  Welcome and Opening Remarks, Susan Wierman, MARAMA

Plenary

10:15 – 10:45  Overview of Science and Policy Issues Related to Organic Carbon, John Graham, NESCAUM

Session 1 – What Source Types are the Most Important Contributors to Organic Carbon?

10:45 – 11:15  Source Apportionment of Particulate Matter in Atlanta, Mei Zheng, Georgia Institute of Technology


11:45 – 12:00  Discussion Session

Lunch – Working

12:00 – 1:00  Upper Atrium  Luncheon Buffet

1:00 – 1:30  Greenspring 1 & 2  Luncheon Presentation
            Regional Haze and Earth System Science, Russ Dickerson, University of Maryland
**Session 1 – Continued**

1:30 – 2:15  What do Molecular Markers Tell Us about the Sources of Organic Carbon?  
**Monica Mazurek, Rutgers**

2:15 – 2:45  Research on Tracer Compounds for Secondary Organics  
**Tad Kleindienst, US EPA**

2:45 – 3:00  Discussion Session

3:00 – 3:30  BREAK

**Session 2 – Advances in Measuring Atmospheric Organic Carbon**

3:30 – 4:00  What is the Track Record for Continuous EC/OC Analyses?  
**George Allen, NESCAUM**

4:00 – 4:30  Lidar and Satellite Imaging of Ambient Particulate  
**Ray Hoff, University of Maryland Baltimore County**

4:30 – 5:00  Discussion Session & 5-minute Wrap Up  
**Susan S.G. Wierman, MARAMA**

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**Wednesday July 11, 2007**

7:30  Continental Breakfast

**Session 3 – The Contribution of Transportation Sources to Ambient OC Concentrations**

8:00 – 8:30  Emissions from Ships  
**James Corbett, University of Delaware**

8:30 – 9:00  New York Vehicle Chase Study  
**Ken Demerjian, SUNY Albany**

9:00 – 9:30  OTAQ Kansas City Study of High Emitting Vehicles  
**Gene Tierney, USEPA OTAQ**

9:30 – 9:45  Discussion Session

9:45 – 10:15  BREAK
**Session 4 – Sources of Ambient Organic Carbon**

10:15 – 10:45  Use of Aetheolometer and TEOM Data to Pinpoint Emission Sources  
*Donna Kenski, LADCO*

10:45 – 11:15  The Contribution of Biomass Combustion to Ambient Particulate Organic Carbon  
*Jeff Collett, Colorado State University*

11:15 – 11:45  The Use of Carbon Isotope Analysis to Distinguish the Contribution of Biogenic and Anthropogenic Carbon  
*Bill Malm, NPS Air Resource Division, Colorado State University*

11:45 – 12:00  Discussion Session

**Lunch – Working**

12:00 – 1:00  *Upper Atrium*  Luncheon Buffet

1:00 – 1:30  *Greenspring 1& 2*  Luncheon Presentation  
The Effect of Fine Particulate on Human Health  
*Ronald White, Johns Hopkins Bloomberg School of Public Health*

**Session 4 – Continued**

1:30 – 2:00  Analysis of the Baltimore Supersite Data  
*John Ondov, University of Maryland*

2:00 – 2:30  Discussion Session

**Session 5 – Progress in Modeling**

2:30 – 3:00  LADCO Modeling Update  
*Kirk Baker, LADCO*

3:00 – 3:30  Carbon Analyses in VISTAS Region for PM and Haze  
*Pat Brewer, VISTAS*

3:30 – 4:00  NYDEC PM Modeling  
*Gopal Sistla, NYDEC*

4:00 – 4:30  MANE VU PM and Haze  
*Gary Kleiman, NESCAUM*

4:30 – 5:00  Wrap up and Discussion  
*John Graham, NESCAUM & Susan Wierman, MARAMA*

5:00  Adjourn