MARAMA 2011 Data Analysis Workshop
Holiday Inn College Park
10000 Baltimore Avenue * College Park, MD 20740

January 19-20, 2011
Draft Agenda

General Objectives:

- Facilitate interaction among data analysts in MARAMA agencies and encourage them to work together.
- Improve MARAMA agencies' ability to use data to address key policy issues.
- Provide a forum for learning about recent research that would help inform the policy making process.

Please note that some of the speakers listed are still seeking approval to participate in the conference, and that the timing of various presentations is subject to change as arrangements are confirmed.

WEDNESDAY, JANUARY 19, 2011

7:30  Registration

8:00  Welcome & Kickoff presentation

   Tad Aburn, MD Department of the Environment

8:30  Air Monitoring Issues and Analyses

   Trends in Regional Ozone Patterns
   Duc Nguyen, MDE

   Seasonal and Geographic Variation in BAM Monitor Performance in North Carolina, 2009-2010
   Wayne Cornelius, NC DENR

   PAMS Data Analysis – The NESCAUM Workgroup
   Dr. Jeff Underhill, New Hampshire DES

   Anthropogenic and Biogenic Isoprene Concentrations of Two PAM Stations in Maryland
   Asfaw Tedla, MDE

10:30  Break

11:00  Linking Air Quality and Health & Comparing Modeled and Monitored Air Quality

   Steve Anderson, NJ DEP

11:45  Luncheon and presentation

   Forecasting in a Changing Air Quality Regime
   Bill Ryan, Pennsylvania State University
1:15  Will Network Assessments Change How we Analyze Air Quality Data?
      Charles Pietarinen, New Jersey DEP

1:45  Panel Discussion: Identifying Policy Relevant Questions and Initiating Data Analysis
      Tad Aburn (MD); Leah Weiss (NESCAUM); Tom Ballou (VA)

2:30  Break

3:00  Integrated, Policy-Relevant Science for Air Quality
      Dr. Russell Dickerson, University of Maryland

3:45  The Influence of Key Sources

      Exceptional Event Analysis of a 2008 Wildfire
      Tom Ballou, VA DEQ

      Dispersion Modeling Analysis of Diesel Emissions from Ports and Railyards
      Peg Hanna, NJ DEP

4:45  Training Resources Available for Data Analysis
      Alice Lutrey & Julie McDill, MARAMA

5:00  Wrap up and plans for next day
THURSDAY, JANUARY 20, 2011

7:30  Registration

8:15  Reconvene & Review Agenda for the Day

8:30  Identifying Local and Regional Impacts:
     Distinguishing Local and Regional Impacts
     Jason Maranche, Allegheny County HD

     The Influence of the Chesapeake Bay Breeze on Maryland Air Quality
     Laura Landry, MDE

     Analysis of Emissions Inventory Data
     Patrick Davis & Julie McDill, MARAMA

10:00 Break

10:30  The Impact of Recent Real-World Emission Changes and Meteorological Variations on Surface Ozone Concentration in the Eastern U.S.
       James Godowitch, EPA/ORD

11:15 Data Analysis within EPA’s Office of Air Quality Planning and Standards: Thoughts on how modeling and data analyses can be used to influence policymaking
       Pat Dolwick, EPA/OAQPS

12:00 Luncheon and presentation

       The New York City Community Air Survey
       Iyad Kheirbek, New York City Department of Health and Mental Hygiene

1:30  Use of Satellite Data for Air Quality Forecasting and Analysis
       Dr. Amy Huff, Battelle

2:00  Trends in NO2 Concentrations in the Eastern US Derived from Satellite Observations
       Dr. Kenneth Pickering, NASA Goddard

2:30  DISCOVER AQ—A Field Campaign to Improve the Diagnosis of Air Quality using Satellite Data
       Dr. James H. Crawford, NASA Langley Research Center

3:00  The use of satellite observations in the evaluation of air quality models.
       Dr. Tim Canty, University of Maryland

3:30  Wrap up

4:00  Adjourn

Updated: 1/13/11