

Agenda for 2006 Ad Hoc Meteorological Modeling Group meeting

Location: National Park Service Offices, Lakewood CO

Dates: June 22nd – June 23rd, 2006

Thursday, June 22nd:

- 9:00 – 9:15 Welcome and Introductions
- 9:15 – 10:00 Assessing Meteorological Model Performance and Meteorological Processes in a Photochemical Model (K. Baker – LADCO)
- 10:00 – 10:45 Comparison of WRF and MM5 in CAMx application over San Francisco area (Yiqin Jia – Environ)
- 10:45 – 11:00 WRF-CAMx processor (Yiqin Jia - Environ)
- 11:00 – 11:15 Tool for extracting MM5 data for use in AERMOD applications (P. Dolwick – NOAA/EPA)
- 11:15 – 12:00 Evaluation of 2002 EPA MM5 modeling at 36 and 12 km (P. Dolwick / R. Gilliam – NOAA/EPA)
- 12:00 – 1:00 Lunch
- 1:15 – 2:00 Comparison of six MM5 simulations using AMET (R. Gilliam – NOAA)
- 2:00 – 2:45 A Combined Local and Non-Local Closure PBL Model for Meteorology and Air Quality (J. Pleim – NOAA)
- 2:45 – 3:30 Fine scale meteorological modeling of the Houston-Galveston-Brazoria ozone non-attainment area to improve air quality simulations (D. Byun & Fang-Yi Cheng, University of Houston)
- 3:30 – 3:45 Break
- 3:45 – 4:15 MM5 Application for Fire Modeling (B. Anderson – EPA / T. Allen - NFWS)
- 4:15 – 4:45 Performance of a Meteorological and Air Quality Prediction System for Two High-Ozone Episodes in the Los Angeles Basin (L. Belsma - The Aerospace Corporation)

Friday, June 23rd:

- 8:30 – 9:00 RAMS Update and AQ Simulations in Spain (C. Tremback – AtMET)
- 9:00 – 9:15 4km MM5 modeling in Western U.S. (D. McNally – Alpine Geophysics)
- 9:15 – 9:45 Impact of control strategy modeling at various horizontal grid resolutions (D. McNally – Alpine Geophysics)
- 9:45 – 10:30 MM5 modeling in California (J. Wilczak – NOAA)
- 10:30 – 11:15 MM5 Meteorology Fields from an Ozone Modeling Perspective in California (Bruce Jackson - CARB)
- 11:15 – 11:45 Implementation of FDDA into WRF (D. Stauffer – Penn State University)
- 12:00 – 1:00 Open forum: Potential discussion topics include
- 1) What plans do you have re: met modeling over the next 12 months?
 - 2) Do your plans involve WRF modeling?
 - 3) What type of guidance should EPA prepare on met modeling?
 - 4) Use of meteorological modeling in dispersion AQ modeling activities