

# MANE-VU

## Mid-Atlantic/Northeast Visibility Union

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**TO:** MANE-VU Stakeholders  
**FROM:** Alice R. Lutrey, MARAMA Training Coordinator  
**DATE:** June 17, 2003  
**RE:** MANE-VU Modeling Meeting– July 31-August 1, 2003

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**MANE-VU is pleased to announce a MANE-VU Modeling Meeting to be held on July 31 through August 1, 2003 in Boston, Massachusetts.**

This is an important meeting, and we hope that each state and tribe will be represented. The intent of this meeting is to provide a forum for exchange of information among MANE-VU modelers on regional haze issues and discuss plans for upcoming projects. During this meeting we will provide comments and feedback on the ongoing regional haze modeling projects in (and outside of) the MANE-VU region. A draft agenda is included for your review.

The meeting will be held at the Sheraton Boston located at 39 Dalton Street. The meeting is tentatively scheduled to begin at 10:00 a.m. on July 31 and end at 3:00 p.m. on August 1. Please see the MARAMA Web Site at <http://www.marama.org> under the Calendar for ongoing updates about this workshop.

There will be no registration fee for this meeting. The meeting is opened to the public. Meals are on your own.

Enclosed is a registration form for the meeting. Please read the instructions on the registration form carefully, and complete all the information requested. **You can fax completed registration forms to MARAMA at 410-467-1737. All registrations must arrive at MARAMA by Wednesday, July 9, 2003.**

MANE-VU has reserved sleeping rooms at the Sheraton Boston in Boston, Massachusetts. The single/double room rate is \$109.00 plus 12.45% tax. Room slots will be filled on a first-come, first-served basis. Call the hotel before July 9 at (800) 325-3535 to reserve your room. **Indicate you are part of the “MANE-VU” group when you reserve your room.** Reservations received after the cut-off date will be available at the hotel rates.

There is hotel valet parking available at the Boston Sheraton for \$35 plus tax per night with in and out privileges. Daily valet is also \$25 per day. Nearby Pilgrim Parking/Cheri Movie Theater Garage and Fitz-In Autopark offer daily parking for \$15 and \$16 respectively.

We know this will be a very informative meeting and look forward to seeing you in Boston you have any questions or concerns, don't hesitate to contact Annie Baumann ([abaumann@marama.org](mailto:abaumann@marama.org)) or me ([alutrey@marama.org](mailto:alutrey@marama.org)) at 410-467-0170 or via e-mail. Thank you.

## MANE-VU Modeling Meeting

Sheraton Boston\* 39 Dalton Street\* Boston, Massachusetts 02199

July 31 – August 1, 2003

### Registration Form

<b>(Please type or print clearly, and complete ALL items on this form)</b>		Date:
Please circle one:    Dr.    Mr.    Mrs.    Ms.    Other: _____		
Name (as you would like it to appear on the nametag)		
Title		
Affiliation		
Address		
City	State	Zip
Business Phone	Fax	e-mail
Please check the days you will be attending the course:		
<input type="checkbox"/> – July 31 <input type="checkbox"/> – August 1		
<b><u>HOTEL INFORMATION:</u></b> A block of rooms has been reserved at the Sheraton Boston. <u>PLEASE NOTE THAT YOU MUST CALL THE HOTEL</u> directly at (800) 325-3535 to reserve your sleeping rooms. The cost of single/double room is \$109.00 plus 12.45% tax. To get this rate, you need to make your reservations by July 9. Please refer to <b>MANE-VU</b> when making your reservations.		
Please check the nights you will be reserving a room with the hotel:		
<input type="checkbox"/> July 30 <input type="checkbox"/> July 31		
<i>Remember, it is your responsibility to make room reservations with the hotel.</i>		
<b><u>MEAL INFORMATION:</u></b> A light continental breakfast and beverage breaks will be provided. Lunch and dinner are on your own.		
<b><u>REGISTRATION FEES:</u></b> There is no registration fee for this training.		
<b>Please mail or fax this form to MARAMA by July 9, 2003.</b> (Please keep a copy for your records.)		
<b>MARAMA</b> 711 W. 40th St., Ste. 312 ❖ Baltimore, MD 21211 Phone: (410) 467-0170 ❖ Fax: (410) 467-1737		

# MANE-VU Modeling Workshop DRAFT Agenda

July 31 and August 1, 2003  
at the Sheraton Boston, Massachusetts

## Objectives:

- 1) Provide a forum for exchange of information among MANE-VU modelers on regional haze issues
- 2) Provide comments and feedback on the ongoing regional haze modeling projects in (and outside of) the MANE-VU region
- 3) Discuss plans for upcoming projects

## Participants

Modeling experts from state, local, and federal agencies, academia and private sector.

Thursday, July 31

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| <b>9:30-10:00</b>    | <b>Registration</b>  |
| <b>10:00 -10:20</b>  | <b>Welcome &amp; Introductions</b> <ul style="list-style-type: none"><li>• Why we are here &amp; overview of agenda</li></ul>  |
| <b>10:20 – 12:20</b> | <b>Session 1: PM Modeling Studies in the Region</b> <ul style="list-style-type: none"><li>• CALGRID model overview and status update</li><li>• REMSAD work at NESCAUM</li><li>• CMAQ work at UMD</li><li>• NYSDEC Projects</li></ul>   |
| <b>12:20 – 1:20</b>  | <b>Lunch – on your own</b>   |
| <b>1:20 – 3:20</b>   | <b>Session 2: Modeling Issues Facing the Region – Emissions Inputs</b> <ul style="list-style-type: none"><li>• Status of MARAMA inventory development efforts</li><li>• How representative is 96 NET</li><li>• What is status of 99 NEI</li><li>• What will we use for a '02 inventory in absence of the “real” '02 inventory (timing issues related to inventory development)</li><li>• How are 2002 inventories being developed by other RPOs?</li><li>• Protocols for sharing inventories among RPOs</li><li>• Implications of differences in approach to developing 2002 inventories</li><li>• Update on MOBILE6 and the Non-Road models and how they relate to the inventory.</li></ul> |
| <b>3:20 – 3:40</b>   | <b>Break</b>   |
| <b>3:40 – 4:40</b>   | <b>Session 2 (cont'd): Modeling Issues Facing the Region – Meteorological Inputs</b> <ul style="list-style-type: none"><li>• What is needed to call meteorology “acceptable for use” (do we need to use modified blackedat? How do we measure performance?)<ul style="list-style-type: none"><li>○ Who has Meteorology available for what time periods?</li><li>○ EPA HDD '96</li><li>○ OTC '97 O3 episode</li></ul></li></ul>   |

- CENRAP '02
- EPA '01
- Any '99 or LADCO Met?
- Should MANE-VU model with 2002 Met Data?
- What will be used for practice modeling, and when do we stop calling it practice?

**4:40 – 5:00**      **Wrap-up/Review Goals for Day 2**

Friday, August 1

**8:30 – 8:40**      **Welcome & Introductions**

**8:40 – 10:00**      **Session 3: Model Performance Evaluation**

- Review of AER performance Evaluation and EPA guidance
- Do these approaches meet M-V needs
- Discussion of approach in Technical Workplan

**10:00 – 10:15**      **Break**

**10:15 – 12:15**      **Session 4: CALPUFF Project**

- ERM presentation of past and future CALPUFF work
- VT DEC presentation of past work and future ideas
- Development of collaborative project framework and modeling protocol

**12:15 – 1:15**      **Lunch – on your own**

**1:15 – 3:00**      **Session 5: Upcoming Work**

- How do we integrate modeling results for Class I areas that are affected by neighboring RPOs (e.g., Brigantine, Dolly Sodds, Shenandoah)?
- How do we move forward to build a “weight of evidence” approach
- How do we compare receptor modeling to grid models to observations
- What does this imply for our grid modeling protocol and modeled demonstrations?
- Group Development of Modeling protocol
- Any suggested revisions to MANE-VU SIP Timeline?

**3:00**      **Adjourn**