

APPENDIX A- AGENDA

**Workshop on Multiscale Atmospheric Dispersion Modeling
Within the Federal Community**

June 6-8, 2000, Town Center Hotel,
8727 Colesville Road, Silver Spring, MD

Tuesday, June 6, 2000

7:00 - 8:00 a.m. **REGISTRATION AND CONTINENTAL BREAKFAST**

8:00 - 8:20 a.m. **WELCOME AND KICKOFF**

Mr. Samuel P. Williamson, Federal Coordinator for Meteorology
Dr. Darryl Randerson, Director, Special Operations and Research
Division, Air Resources Laboratory

8:20 - 11:30 a.m. **SESSION I - USER REQUIREMENTS FOR DISPERSION
MODELING**

Session Chair: Rickey Petty, Department of Energy
Rapporteur: Roger Stocker, Fleet Numerical Meteorology &
Oceanography Center

8:30-8:50 **Department of Defense**

Captain David Martin, USN, Military Assistant for
Environmental Sciences, Office of the Deputy Under
Secretary of Defense, Science and Technology

8:50-9:10 **National Oceanic and Atmospheric Administration**

Bruce Hicks, Director, Air Resources Laboratory
Tom Renz, Lead Meteorologist, Alaska Aviation Weather Unit

9:10-9:30 **Department of Energy**

Dr. Peter Lunn, Program Director, Atmospheric Sciences
Program
Dr. Don Ermak, Program Leader, Atmospheric Release
Assessment Programs, Lawrence Livermore National

Laboratory

9:30-9:50

Environmental Protection Agency

Philip Campagna, Chemist, Environmental Emergency Response Center

Mark Evangelista, Chief, Air Quality Support Branch, Office of Air Quality and Planning Standards

9:50-10:00

Federal Emergency Management Agency

Clifford Oliver, Chief, Building Sciences and Risk Assessment

10:00-10:30

Break

10:30-10:40

Nuclear Regulatory Commission

Jocelyn Mitchell, Senior Technical Advisor, Office of Research

10:40-10:50

Department of the Interior

Marianne Guffanti, Coordinator, Volcano Hazards Program, U.S. Geological Survey

10:50-11:00

Department of Agriculture

Dr. Allen Riebau, National Program Lead for Atmospheric Science Research, Forest Service

11:00-11:20

Department of Transportation

Steven Albersheim, Aviation Weather Requirements, Federal Aviation Administration

Dr. Steven Hwang, Chemical Engineer, Research and Special Programs Administration

11:20-11:30

Air Force Range Safety

Carlton "Bud" Parks, Senior Meteorologist, Air Force Range Safety

11:30 - 12:50

Lunch On Your Own

12:50 - 5:00 p.m.

**SESSION II - AGENCY DISPERSION MODELING
CAPABILITIES**

Session Chair: Jeffery McQueen, NOAA Air Resources
Laboratory

Rapporteur: David Weinbrenner, National Centers for
Environmental Prediction

1:00-1:45

Environmental Protection Agency

Dennis Atkinson, Meteorologist, Office of Air Quality and
Planning Standards

Alan Cimorelli, Lead Meteorologist, EPA Region 3

Mark Evangelista, Chief, Air Policy Support Branch, Office of
Air Quality and Planning Standards

1:45-2:45

Department of Defense

Ronald Cionco, Research Meteorologist, US Army Research
Laboratory

Ronald Meris, Physical Scientist, Defense Threat Reduction
Agency

Mike Henley, Research Chemist, Air Force Research Laboratory

Tim Bauer, Program Manager, Modeling and Simulation, Naval
Surface Warfare Center Dahlgren Division

2:45-3:15

Break

3:15-3:45

Department of Energy

Dr. Jerome Fast, Senior Research Scientist, Pacific Northwest
National Laboratory

Dr. Don Ermak, Program Leader, Atmospheric Release
Assessment Programs, Lawrence Livermore National
Laboratory

3:45-4:15

National Oceanic and Atmospheric Administration

Dr. Darryl Randerson, Chief, Special Operations and Research
Division, Air Resources Laboratory

Dr. Jerry Galt, Chief, Hazardous Materials Response Division,
National Ocean Service

- 4:15-4:30 **Nuclear Regulatory Commission**
 Jocelyn Mitchell, Senior Technical Advisor, Office of Research
- 4:30-4:45 **Air Force Range Safety**
 Carlton “Bud” Parks, Senior Meteorologist, Air Force Range
 Safety
- 4:45-5:00 **Department of Transportation**
 Dr. Steven Hwang, Chemical Engineer, Research and Special
 Programs Administration

Wednesday, June 7, 2000

- 7:30 - 8:30 a.m. **CONTINENTAL BREAKFAST**
- 8:30 - 12:00 Noon **SESSION III - TECHNICAL BARRIERS TO DISPERSION
 MODELING PANEL**
- Moderator:** Ronald Cionco, Army Research Laboratory
Rapporteur: Robert Lawson, Environmental Protection Agency
- Panel Members:**
 Dr. Ray Hosker, Director, Atmospheric Turbulence & Diffusion
 Division, Air Resources Laboratory
 Paul Bryant, Federal Emergency Management Agency
 Jim Bowers, Dugway Proving Ground
 Jocelyn Mitchell, Nuclear Regulatory Commission
 Alan Cimorelli, Environmental Protection Agency
 Dr. Jerome Fast, Pacific Northwest National Laboratory
- 8:30-10:00 Panel members address technical issues identified by agencies
 (15 minutes each)
- 10:00-10:30 **Break**
- 10:30-12:00 Noon Open Discussion
- 12:00 Noon - 1:30 p.m. **Lunch On Your Own**

1:30-4:00 p.m.

**SESSION IV- MODEL VALIDATION, VERIFICATION
AND APPROVAL AND MODEL SUBSET BREAKOUTS
(CONCURRENT)**

Breakout One- Methods for Validation, Verification and Approval of
Models

Co-Chairs: William Petersen, EPA, National Exposure Research
Laboratory

Tim Bauer, Naval Surface Warfare Center, Dahlgren

Rapporteur: Marcia Carpentier, Environmental Protection Agency

Breakout Two- Establishing Subsets of Models to Meet Dispersion
Applications

Co-Chairs: Dr. K.S. Rao, Air Resources Laboratory, Oak Ridge

LTC Todd Hann, USA, Defense Threat Reduction Agency

Rapporteur: Ron Meris, Defense Threat Reduction Agency

2:30-3:00

Break

Thursday, June 8, 2000

8:00 - 9:00 a.m.

BREAKFAST (Cambridge Cafe)

9:00 - 10:45 a.m.

SESSION V- SUMMARY AND WRAP-UP

Session Chair: Dr. Darryl Randerson

9:00-10:30

Summary

Panel Report: Ronald Cionco

Breakout One Report: William Petersen, Tim Bauer

Breakout Two Report: Dr. K.S. Rao, LTC Hann, USA

10:30-10:45

Workshop Wrap-up/Closing Remarks

Mr. Samuel P. Williamson, Federal Coordinator for Meteorology