

**3RD NATIONAL SURFACE TRANSPORTATION WEATHER
SYMPOSIUM**

***IMPROVING COMMERCE AND REDUCING DEATHS AND INJURIES
THROUGH INNOVATIVE WEATHER-RELATED R&D AND APPLICATIONS FOR
THE SURFACE TRANSPORTATION SYSTEM***

**July 25-27, 2007
Sheraton Premiere at Tysons Corner
8661 Leesburg Pike
Vienna, Virginia 22182**

AGENDA

Wednesday, July 25th

7:30–8:30 a.m. **Continental Breakfast and Registration**

8:30–9:00 a.m. Mr. Samuel P. Williamson, Federal Coordinator for Meteorological Services and Supporting Research
Welcome, Opening Remarks, and Symposium Objectives

9:00–10:30 a.m. **Keynote Addresses**

Mr. Jeffrey N. Shane, Undersecretary of Transportation for Policy, U.S. Department of Transportation

VADM Conrad C. Lautenbacher, Jr., USN (Ret.), Undersecretary of Commerce for Oceans and Atmosphere and NOAA Administrator, U.S. Department of Commerce

Dr. Gene Whitney, Assistant Director for Environment, Science Division, White House Office of Science and Technology Policy

10:30-11:00 a.m. ***Break***

11:00 a.m.–12:30 p.m. **Session 1: Improving Economic and Life Decisions: Social and Economic Impacts and Benefits**

Moderator: Dr. Denise Stephenson Hawk, NCAR Associate Director and Director of the Societal-Environmental Research and Education Laboratory

Rapporteurs: Mr. Floyd F. Hauth and Mr. Mark Gunzelman

Timer: Ms. Mary M. Cairns

Panelists:

Dr. Christopher Cluett, Battelle Memorial Institute, System Evaluation

Mr. James Wright, 511 Travel Information Service Coordinator, American Association of State Highway and Transportation Officials (AASHTO)

Ms. Julie Demuth, Associate Scientist, NCAR Societal Impacts Program (SIP)/Institute for the Study of Society and Environment (ISSE)/Research Applications Laboratory (RAL)

Dr. Betty Hearn Morrow, Consulting Sociologist

12:30-1:30 p.m. ***Lunch***

1:30–3:00 p.m.

Session 2: Priorities for Surface Transportation Weather Research and Development

Moderator: Ms. Mary Glackin, Acting Assistant Administrator for Weather Services and Acting Director, National Weather Service, National Oceanic and Atmospheric Administration

Rapporteurs: Ms. Mary M. Cairns and Dr. Mark P. Weadon

Timer: Mr. Floyd F. Hauth

Panelists:

Dr. Nelson Keeler, Director, Office of Aviation Programs, John A. Volpe National Transportation Systems Center, Research and Innovative Technology Administration, U.S. Department of Transportation

Ms. Shelley J. Row, Director, Intelligent Transportation Systems (ITS) Joint Program Office (JPO), Research and Innovative Technology Administration, U.S. Department of Transportation

Mr. Richard Edwing, Marine Transportation System (MTS) Program Manager, National Ocean Service, National Oceanic and Atmospheric Administration

Dr. Alexander E. MacDonald, Deputy Assistant Administrator for NOAA Research Laboratories and Cooperative Institutes, and Director of the NOAA Earth System Research Laboratory

3:00–3:30 p.m.

Break

3:30–5:00 p.m.

Session 3: Leveraging Related R&D Activities to Benefit Surface Transportation

Moderator: Mr. Leon F. Osborne, Jr., Professor of Atmospheric Sciences and Director, Surface Transportation Weather Research Center, University of North Dakota

Rapporteurs: Dr. Betty Hearn Morrow and Dr. Paul D. Try

Timer: Mr. Floyd F. Hauth

Panelists:

Mr. Kenneth M. Leonard, Director, Aviation Weather Office, Operations Planning Services, Federal Aviation Administration

Mr. Jay J. Adams, Global Product Marketing Manager, Entertainment and Communications at Delphi

Mr. Mark Gunzelman, Senior Scientist, Science and Technology Corporation

Mr. Bob Dreisewerd, Vice President and Director of Forecast Services, Baron Services

Mr. Jon Pollack, Vice-President GeoDecisions, Army's IRRIS Program

5:00–5:10 p.m.

Administrative Remarks

5:10 p.m. *Adjourn Day 1 session*
OFCM Staff Meeting

5:30-7:00 p.m. **Icebreaker**

Thursday, July 26th

7:00–8:00 a.m. **Continental Breakfast**

8:00–8:05 a.m. Administrative and Logistical Remarks

8:05–9:35 a.m. **Session 4: Observation Data Requirements for Surface Transportation**

Moderator: Dr. Walter Dabberdt, Director, Strategic Research, Vaisala Group

Rapporteurs: Mr. Donell Woods and Dr. Mark P. Weadon

Timer: Mr. Mark Gunzelman

Panelists:

Dr. Walter Dabberdt, Director, Strategic Research, Vaisala Group

Mr. Chris Bunce, Manager, Geotechnical Engineering, Canadian Pacific Railway

Mr. Paul A. Pisano, Team Leader, Road Weather Management Program, Federal Highway Administration

Dr. James O’Sullivan, Program Manager, NOAA Surface Weather Program, and Acting Chief, NWS Observing Services Division

Colonel Michael Babcock, Deputy for Federal Programs, Directorate of Weather, United States Air Force

9:35–10:05 a.m. **Break**

10:05–11:35 a.m. **Session 5: Modeling and Prediction: Required Products and Services**

Moderator: Mr. Kenneth Graham, Chief, Meteorological Services Division, Office of Climate, Water and Weather Services, NOAA National Weather Service

Rapporteurs: Ms. Mary M. Cairns and Dr. Paul D. Try

Timer: Mr. Mark Gunzelman

Panelists:

Dr. Stephen J. Lord, Director, Environmental Modeling Center (EMC), National Centers for Environmental Prediction (NCEP), NOAA National Weather Service

Dr. Kevin Petty, Scientific Program Manager, National Center for Atmospheric Research

Mr. Ralph Patterson, Traffic Operation Center (TOC), Utah Department of Transportation

Dr. Richard Shirkey, U.S. Army Research Laboratory, CISD/Battlefield Environment Division, White Sands Missile Range, New Mexico

Mr. Jeffrey Johnson, Chief Science Officer, DTN/Meteorlogix

11:35 a.m.–1:00 p.m. **Lunch** (Speaker: Mr. Roderick MacKenzie, VP, Advanced Applications and Services, XM Satellite Radio)

1:00–2:30 p.m. **Session 6: Weather Information Dissemination in Support of Effective Decision Making**

Moderator: Mr. Dave Jones, CEO, President and Founder of StormCenter Communications, Inc.

Rapporteurs: Mr. Floyd F. Hauth and Mr. Donell Woods

Timer: Lt. Col. David S. Andrus, USAF

Panelists:

Mr. John Ogren, Deputy Director, Central Region, NOAA National Weather Service

Dr. Patrick Welsh, Executive Director, Advanced Weather Information Systems Laboratory, University of North Florida

Mr. Dave Lusk, Senior Manager, Global Operations Control, FedEx Express

Mr. Paul Trotter, Meteorologist-in-Charge, New Orleans/Baton Rouge WFO (Slidell) Louisiana

Mr. Mike Steinberg, Senior Vice-President, AccuWeather, Inc.

2:30–3:00 p.m. **Break**

3:00–4:30 p.m. **Session 7: Research to Operations: The Pathway to Operational Implementation**

Moderator: Mr. Richard Wagoner, Deputy Director, Research Applications Laboratory, NCAR

Rapporteurs: Dr. Betty Hearn Morrow and Mr. Mark Gunzelman

Timer: Lt. Col. David S. Andrus, USAF

Panelists:

Ms. Gloria Kulesa, Team Leader, Aviation Weather Research Program, Federal Aviation Administration

Mr. Leland D. Smithson, American Association of State Highway and Transportation Officials (AASHTO) Snow and Ice Pooled Fund Cooperative Program (SICOP) Coordinator

Dr. Lars Peter Riishojgaard, Director, Joint Center for Satellite Data Assimilation

Dr. Walter D. Bach, Jr., Program Manager, Environmental Sciences Division, Army
Research Office, United States Army

Ms. Mary M. Cairns, Senior Staff Meteorologist, Office of the Federal Coordinator for
Meteorological Services and Supporting Research

4:30–4:45 p.m. Administrative Information

4:45 p.m. *Adjourn Day 2 session*
OFCM Staff Meeting

5:00–7:00 p.m. Exhibit Session with Refreshments

Friday, July 27th

7:00–8:00 a.m. **Continental Breakfast**

8:00–8:05 a.m. Administrative Remarks

8:05–9:45 a.m. **Session 8: Keys to Success: Creating Synergy in All Components of Surface
Transportation Weather Applications**

Moderator: Dr. Paul D. Try, Senior Vice President, Science and Technology
Corporation

Rapporteurs: Ms. Mary M. Cairns and Dr. Mark P. Weadon

Timer: Mr. Floyd F. Hauth

Panelists:

Dr. Elbert W. (Joe) Friday, Professor Emeritus, University of Oklahoma

Dr. John T. Snow, Professor of Meteorology, Dean, College of Atmospheric and
Geographic Sciences, and Administrator, National Weather Center, University
of Oklahoma

Dr. Alexander E. MacDonald, Deputy Assistant Administrator for NOAA Research
Laboratories and Cooperative Institutes, and Director of the NOAA Earth
System Research Laboratory

Mr. Anthony T. Furst, Director, Office of Freight Management and Operations, and
Acting Director, Office of Transportation Operations, Federal Highway
Administration

9:45–10:15 a.m. *Next Steps*

10:15–10:30 a.m. *Closing Comments and Forum Adjournment*