

AASHTO/FHWA/FTA CLIMATE CHANGE SYMPOSIUM

August 5th–6th, 2010
Washington Court Hotel
525 New Jersey Avenue, NW
Washington, DC 20001



Day 1

➤ 7:00 a.m.

Registration and Continental Breakfast

➤ 8:00 a.m.

Welcome and Introduction

Paula Hammond, Washington State DOT Secretary of Transportation & Chair of AASHTO's Climate Change Steering Committee

John Horsley, AASHTO Executive Director

Gloria Shepherd, FHWA, Associate Administrator, Office of Planning, Environment, and Realty

➤ 8:20 a.m.

Session 1: The Challenge of Climate Change

Moderator: **Paula Hammond**, Washington State DOT Secretary of Transportation

- Climate Change Science and Risks—**Steve Seidel**, Pew Center, Vice President for Policy Analysis
- Public Attitudes toward Climate Change—**David Herring**, National Oceanic and Atmospheric Administration, Director of Communications and Education Program

➤ 9:00 a.m.

Session 2: Federal Policy Status Report

Moderator: **Janet Oakley**, AASHTO Director of Policy and Government Relations

- Climate Change Legislation in Congress—**John Stoady**, Office of Senator Kit Bond
Greg Dotson, House Energy and Commerce Committee (invited)
- EPA Regulatory Developments—**Sarah Dunham**, U.S. Environmental Protection Agency Director, Transportation and Regional Programs Division
- CEQ Project-level GHG Analysis—**Horst Greczmiel**, Associate Director, NEPA Oversight at the Council on Environmental Quality

➤ 10:00 **BREAK**

➤ 10:15 a.m.

Session 3: Integrating GHG Reduction Strategies in Transportation Planning: State Policy Developments

Moderator: **Garth Hopkins**, California DOT, Chief, Office of Regional and Interagency Planning

- New York State Energy Plan and Climate Action Plan—**John Zamurs**, New York State DOT, Head, Air Quality, Energy and Climate Change Section
- WSDOT Actions in Response to HB 2815 and EO 09-05—**Brian Smith**, Washington State DOT, Director, Strategic Planning Division
- Oregon DOT Efforts in Response to SB 1059—**Margi Lifsey Bradway**, Oregon DOT, Program Manager for Sustainability
- Efforts in Response to California SB 375—**Rob Rundle**, San Diego Association of Governments, Principal Regional Planner

➤ 11:45 a.m.

Session 4: EPA's MOVES Model

Laura Berry, U.S. Environmental Protection Agency, Office of Transportation and Air Quality

➤ 12:00 noon **LUNCH**—Table Topic Discussions

➤ 1:00 p.m.

Session 5: Transportation Strategies to Reduce GHG Emissions: A National Perspective

Moderator: **Kate Mattice**, FTA, Director, Policy Review and Development

- Role of Technologies and Alternative Fuels—**David Greene**, Oak Ridge National Laboratory, Energy and Transportation Science Division
- U.S. DOT Report to Congress on Transportation's Role in Reducing U.S. Greenhouse Gas Emissions—**Linda Lawson**, U.S. DOT, Co-Chair, Center for Climate Change and Environmental Forecasting, and Director, Office of Safety, Energy, and Environment
- Transportation Actions included in State Climate Action Plans—**Diane Turchetta**, FHWA, Office of Natural and Human Environment, Sustainable Transport & Climate Change

➤ 2:00 **BREAK**

➤ 2:15 p.m.

Session 6: Transportation Strategies to Reduce GHG Emissions: State Initiatives

Moderator: **Dennis Slimmer**, Kansas DOT, Bureau Chief of Transportation Planning

- Maryland DOT Sustainability Plan and Planning Efforts—**Don Halligan**, *Maryland DOT, Director, Office of Planning and Capital Programming*
- Maintenance and Operations Strategies—**Gary McVoy**, *New York State DOT, Director, Operations Division*
- Carbon Sequestration on Interstate ROWs Pilot Program—**Frank Pafko**, *Minnesota DOT, Chief Environmental Officer and Director, Office of Environmental Services*
- Low Carbon Materials/Alternative Pavements—**Dianna Noble**, *Texas DOT, Director, Environmental Affairs*

➤ 3:45 p.m.

Session 7: Breakout Groups on GHG Mitigation Strategies

- Integrating GHG reduction in transportation planning—**Janet D'Ignazio**, *ICF International* and **Michael Grant**, *ICF International* (Moderator)—*Ballroom I and Hermitage*
- Integrating GHG reduction in transportation construction, maintenance, and operations—**Anne Choate**, *ICF International* (Moderator)—*Springwood I*

- Climate Change Action Plans—**Diane Turchetta**, *FHWA* (Moderator)—*Springwood II-III*

Discussion Questions:

- What mitigation actions are your states taking or exploring?
- What have you found regarding effectiveness of strategies?
- What challenges have you faced?
- What research are you undertaking?
- What research is needed?

➤ 5:00 p.m.

Session 8: Report-Outs

Moderator: **Michael Grant**, *ICF International*
Rapporteurs will have a few minutes to share highlights of their group discussions.

➤ 5:30 p.m. **Adjourn**

Networking Reception—*Atrium Ballroom*

Day 2

➤ 7:00 a.m.

Registration and Continental Breakfast

➤ 8:00 a.m.

Session 1: Setting the Stage: Adaptation's Role in State Climate Action Plans, Federal Climate Policy, and State Climate Policies

Moderator: **Kevin Walsh**, *Massachusetts DOT, Director, Environmental Services*

- Update on Federal Climate Adaptation Efforts—**Linda Lawson**, *U.S. DOT, Co-Chair, Center for Climate Change and Environmental Forecasting, and Director, Office of Safety, Energy, and Environment*
- Update on States' Efforts to Address Adaptation—**Vicki Arroyo**, *Georgetown Climate Center Executive Director*

➤ 8:30 a.m.

Session 2: Understanding the Effects of Climate Change on Transportation

Moderator: **Robert Shawver**, *Rhode Island DOT*

- High-Level Overview—**Michael Savonis**, *FHWA, Team Leader, Office of Natural & Human Environment*

- Role and Use of the Effects Typology—**Rob Kafalenos**, *FHWA, Office of Natural and Human Environment, Sustainable Transport & Climate Change Team*

➤ 9:15 a.m.

Session 3: National Efforts to Reduce the U.S. Transportation System's Vulnerability to Climate Change Effects

Moderator: **Shannon Eggleston**, *AASHTO Program Director for Environment*

- FHWA Strategy on Adaptation—**April Marchese**, *FHWA, Director, Office of Natural Environment*
- FHWA Adaptation Survey Results and Conceptual Model on Adaptation—**Michael Culp**, *FHWA, Senior Environmental Protection Specialist*
- NCHRP 20-83(05)—**Michael D. Meyer**, *Georgia Transportation Institute, Georgia Institute of Technology*

Day 2 Continued

➤ 10 a.m. BREAK

➤ 10:15 a.m.

Session 4: State-Level Adaptation Initiatives

Moderator: **Caroline Paulsen**, AASHTO, Program Manager for Climate Change

- **Garth Hopkins**, California DOT, Chief of the Office of Regional and Interagency Planning
- **Michael J. Coffey**, Alaska DOT, Statewide Maintenance and Operations Chief
- **Nancy Boyd**, Washington State DOT, Deputy State Design Engineer
- **Danielle Spila**, Pennsylvania DOT, Policy Director

➤ 11:45 a.m.

Session 5: Charge for Breakout Discussions

Moderator: **Anne Choate**, ICF International

➤ 12 p.m. LUNCH

➤ 12:45 p.m.

Session 6: Breakout Groups on Adaptation

Each of 4 breakout groups will form and attempt to answer the following questions:

- a) For states that have not considered climate change effects and adaptation planning yet, what is the primary barrier to doing so?
- b) For states who have, what was the driver for incorporating climate effects into transportation planning?
- c) What are the most significant barriers to implementation of adaptive strategies? What tools are needed?
- d) Who do you see as the key partners/stakeholders in reducing vulnerability to climate effects/implementing adaptation measures?
- e) What research is needed?

Breakout Rooms: Ballroom I, Hermitage, Springwood I, Springwood II/III

Breakout group moderators:

Janet D'Ignazio, ICF International; **Michael Grant**, ICF International; **Anne Choate**, ICF International; **Michael Culp**, FHWA, Office of Project Development and Environmental Review

➤ 2:00 p.m. BREAK

➤ 2:15 p.m.

Session 7: Report-Outs

Moderator: **Anne Choate**, ICF International

Rapporteurs will have a few minutes to share highlights of their group discussions.

➤ 2:35 p.m.

Session 8: Where Do We Go from Here?

Moderator: **Gary McVoy**, New York State DOT, Director, Operations Division

- TRB Special Report 299: A Transportation Research Program for Mitigation and Adaptation to Climate Change and Conserving Energy—**Emil Frankel**, Bipartisan Policy Center Director, Transportation Policy
- Results from TRB Research Workshops—**Shari Schafflein**, FHWA Program/Policy Development Team Leader, Office of Project Development and Environmental Review
- Facilitated Discussion of Research Needs—**Anne Choate**, ICF International

➤ 3:15 p.m.

Closing Remarks

Paula Hammond, Washington State DOT Secretary of Transportation & Chair of AASHTO's Climate Change Steering Committee

➤ 3:30 p.m. Adjourn