

Workshop entitled

“Observational and Analytical Climate Modeling for Engineering Applications”

November 17 – 18, 2011, Reston, Virginia

Objective of the Workshop: to foster understanding and improve the transparency of the observational and analytical modeling necessary to update and describe climate conditions for planning and engineering design of the built and natural environment.

Sponsored by

American Society of Civil Engineers (ASCE) Committee on Adaptation to a Changing Climate

Location: ASCE Headquarters, 1801 Alexander Bell Drive, Reston, Virginia 20191

ALL PROFESSIONAL WELCOME ! Please confirm your intention to attend by Tuesday Nov. 15th with Barbara Whitten, Program Manager Technical Committees - ASCE, (703)295-6083, bwhitten@asce.org

November 17, 2011 – Schedule for Presentations

Morning

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| 9:00am | Coffee | |
| 9:10 am | Ted S. Vinson, Chair, ASCE Committee on Adaptation to Climate Change | <i>Welcome; Objective and Overview of the Workshop</i> |
| 9:20 am | Stephen A. Cauffman, Deputy Chief, Materials and Structural Systems Division, Engineering Laboratory, National Institute of Standards and Technology, | <i>Disaster Resilient Buildings, Infrastructure, and Communities</i> |
| 9:55 am | Rob Hyman, Sustainable Transport and Climate Change Team, Federal Highway Administration | <i>Transportation Data Needs for Climate Adaptation</i> |
| 10:30 am | Rolf Olsen, Eugene Z. Stakhiv , Institute for Water Resources, US Army Corps of Engineers | <i>Practical Needs and Approaches for Water Resources Adaptation to Climate Uncertainty</i> |
| 11:05 am | Bonizella Biagini, Head, Climate Change Adaptation Strategy and Operations Global Environment Facility, <i>World Bank</i> | <i>Current Perspectives on Climate Change Adaptation Priorities and Investments.</i> |
| 11:40 am | Open Discussion | |

12:00 12:45 LUNCH

Afternoon

- 12:45pm Ed O'Lenic Chief, Operations Branch NOAA-NWS-Climate Prediction Center Chair, American Meteorological Society's Committee on Climate Services *Status and Interpretation of Operational Forecasts of Short-Term Climate Variability*
- 1:30pm Joe Barsugli, Research Scientist, Cooperative Institute for Research in the Environmental Sciences (CIRES), University of Colorado, Affiliated with the NOAA Earth System Research Laboratory *Exploring roles the National Climate Predictions and Projections Platform (NCPP) Might Play in Providing Local Climate Projection Information to the Engineering Community*
- 2:15pm Break
- 2:30pm Robert Hirsch, Research Hydrologist, National Research Program, Water, USGS *Streamflow, Floods, and Climate Change*
- 3:15pm Keith Dixon, Research Meteorologist, Climate Change, Variability, & Prediction Group, NOAA's Geophysical Fluid Dynamics Laboratory *Global Climate Models and Their Use In Assessments, Predictions, & Projections*
- 4:00 pm Open Discussion *Conclusions and Outcome of the Workshop*
- 5:00 pm Adjourn

November 18, 2011 – Open Discussion – Conclusions and Outcome of the Workshop

Morning (Only)

- 9:00am Coffee
- 9:10am Ted S. Vinson, Chair, ASCE CACC *Conclusions and Outcome of the Workshop; Agenda for Meeting of ASCE's Committee on Adaptation to a Changing Climate (CACC)*
- 10:30am Break
- 12:00 noon Lunch
- 12:30 pm *ASCE – CACC Committee Meeting – Continued*
- 4:00 pm Adjourn