



2010 Space Weather Enterprise Forum

*Building an Informed and Resilient
Society – The Decade Ahead*



**Sponsored by
National Space Weather
Program Council**

Commerce, Defense, Energy, Interior, State, Transportation, NASA, NSF
Office of the Federal Coordinator for Meteorological Services and Supporting Research

2010 Space Weather Enterprise Forum



Mr. Samuel P. Williamson
Federal Coordinator for Meteorology
and Chairman, National Space
Weather Program Council

June 8, 2010
Washington, DC



Keynote Address



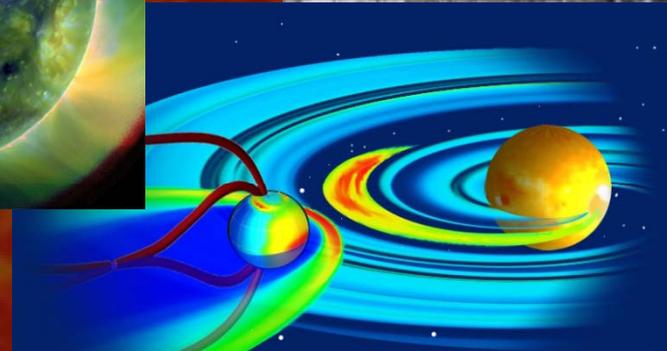
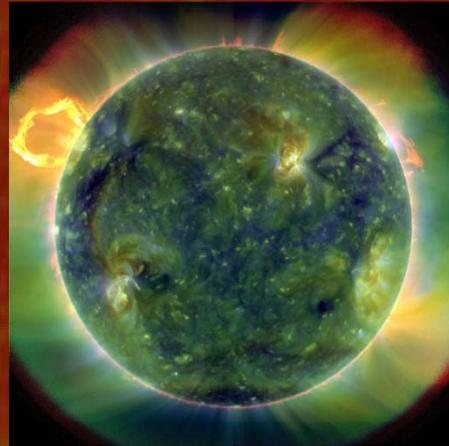
The Honorable Donna F. Edwards
4th District of Maryland
U.S. House of Representatives

**Member, House Committee on Science
and Technology**
**Vice Chair, Subcommittee on
Space and Aeronautics**



Why are we here?

- Sponsors
- Objectives
- Attendees
- Agenda



NSWP Council sponsors the Forum

- **Council Membership**

- Commerce: NOAA
- Defense: Air Force, Navy
- Energy
- Interior: US Geological Survey
- State
- Transportation: FAA
- NASA
- NSF
- OSTP and OMB (Observers)

Charter

Provide oversight and direction to integrated process of setting national priorities, focusing agency efforts, and leveraging existing resources

- August 2008 – Council agreed to host and organize the Space Weather Enterprise Forum



Strengthening the Enterprise

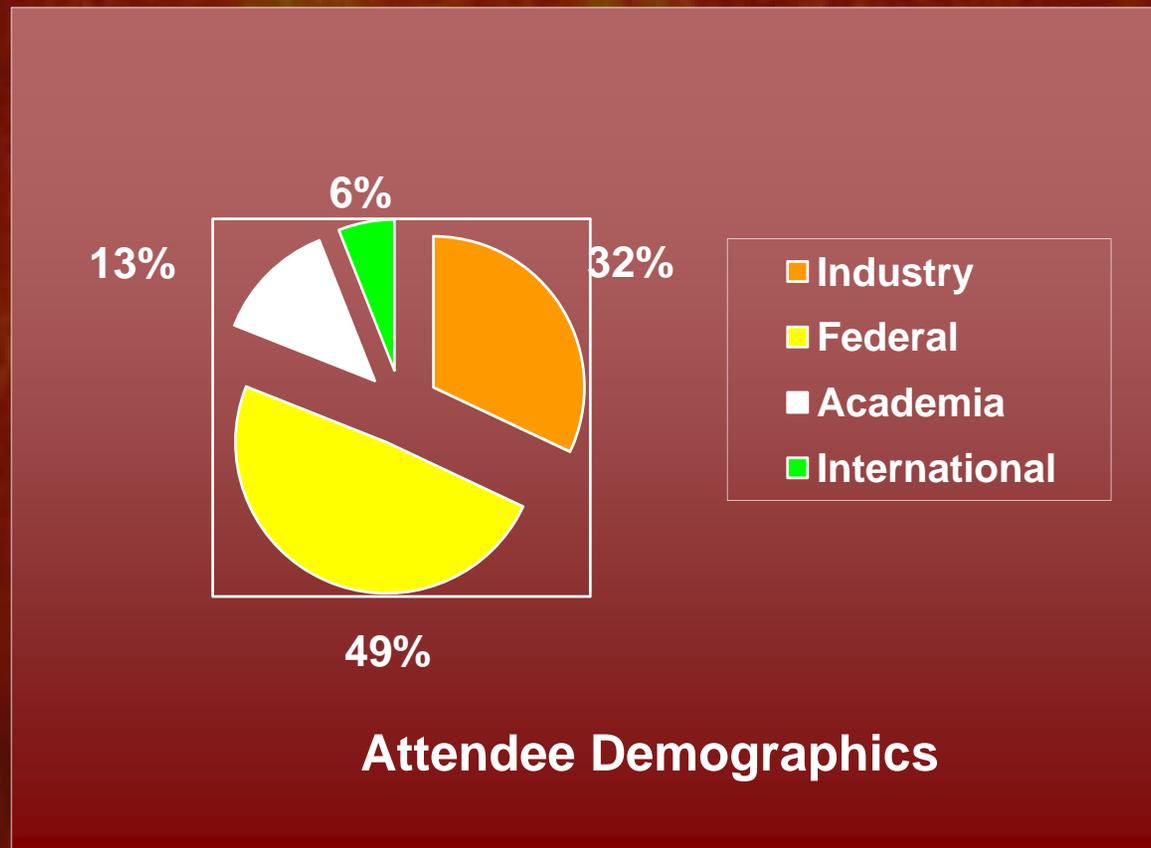
Objectives

- **Share information** across the enterprise and **raise awareness** for new users, decision-makers, and policymakers
- Identify effective approaches to **raise awareness in the broader society**
- Identify effective approaches to **build resilience across society, particularly in critical infrastructure protection and support**
- **Improve communication** within and external to the enterprise
- **Collect information** to support a new National Space Weather Program Implementation Plan



Diverse Group of Attendees

218+ Registered Participants



Agenda

- **Session 1: Welcome and Opening Addresses**
 - **Keynote: The Honorable Donna F. Edwards, 4th District of Maryland, U.S. House of Representatives**
 - **Forum Objectives and Overview**
 - **Invited Speaker: Dr. Christopher J. Scolese, Associate Administrator, NASA**



Agenda

- **Session 2: A Year Moving Forward – The National Space Weather Program**
 - Moderator: **Dr. Richard Behnke**, Head, Geospace Section, National Science Foundation
 - **Dr. Fred Lewis**, Director of Weather, Headquarters, U.S. Air Force
 - **Vickie Nadolski**, Deputy Asst Administrator for Weather Services and Deputy Director, National Weather Service
 - **Dr. Richard Fisher**, Director, Heliophysics Div, NASA Headquarters
 - **Mary Kicza**, Asst Administrator for Satellite and Information Services, NOAA



Agenda

- **Session 3: The Future of Space Weather Science and Research Transition to Operations**
 - Moderator: **Dr. Louis Lanzerotti**, Distinguished Research Professor, New Jersey Institute of Technology
 - **Dr. Steven Butler**, Executive Director, Air Force Materiel Command
 - **Captain Paul Stewart**, USN, Commanding Officer, Naval Research Laboratory
 - **Dr. Arthur Charo**, Senior Program Officer, Space Studies Board, National Research Council
 - **Dr. Devrie Intriligator**, Director, Space Plasma Laboratory, Carmel Research Center



Agenda

- **Luncheon**
 - **Speaker: Mr. Jay Reich, Deputy Chief of Staff, U.S. Department of Commerce**



Agenda

- **Session 4: International Activities and Cooperation**
 - **Moderator: Dr. Joseph Davila, Senior Scientist, Solar Physics, Heliophysics Science Division, NASA Goddard Space Flight Center**
 - **Dr. Hans Haubold, United Nations Office for Outer Space Affairs**
 - **Dr. Juha-Pekka Luntama, Space Situational Awareness Programme, Space Weather Manager, European Space Agency**
 - **Dr. David Kendall, Director General for Science and Technology, Canadian Space Agency**
 - **Mr. Richard Buenneke, Deputy Director, Space Policy, Bureau of International Security and Nonproliferation, U.S. Department of State**



Agenda

- **Featured Speaker:**
 - **Craig Fugate, Administrator, FEMA**



Agenda

- **Session 5: Critical Infrastructure Support**
 - Moderator: **Dr. Daniel Baker**, Director, Laboratory for Atmospheric and Space Physics, University of Colorado
 - **Rear Admiral Diane Webber**, Director, Command Control Systems, North American Aerospace Defense Command and U.S. Northern Command
 - **Dr. Chris Beck**, Congressional Staff Member, House Committee on Homeland Security
 - **Dr. Denise Stephenson Hawk**, Consultant and Former Director, Societal-Environmental Research and Education Laboratory, National Center for Atmospheric Research



Agenda

- **Session 6: Summary and Wrap-Up**
 - **Dr. Louis Lanzerotti, Distinguished Research Professor, New Jersey Institute of Technology**
- **Reception, Networking, and Informal Discussions**
5 to 6:30 p.m. in the *First Amendment Room*





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