



SWEF 2023 Agenda

Location: Russell Senate Office Building, SR 325
 2 Constitution Ave NE, Washington, DC 20002
All times are EDT

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| 8:00 AM - 8:30 AM | Check-In |
| 8:30 AM - 9:00 AM | Opening Remarks |
| | Session Chair: Dr. Elsayed Talaat, Director, Office of Projects Planning and Analysis, NOAA |
| 8:30 AM - 8:35 AM | Welcome from the Organizer - Dr. Elsayed Talaat, Director, Office of Projects Planning and Analysis, NOAA |
| 8:35: AM - 8:40 AM | Keynote Remarks - The Honorable Gary Peters (recorded), Senator from Michigan, Chairman of the Senate Homeland Security and Governmental Affairs Committee and Sponsor of the PROSWIFT Act |
| 8:40 AM - 8:50 AM | Keynote Remarks - The Honorable Richard Spinrad, Under Secretary of Commerce for Oceans and Atmosphere and NOAA Administrator |
| 8:50 AM - 8:55 AM | Keynote Remarks - The Honorable Frank Lucas, US Congressman from Oklahoma and Chairman of the House Science, Space and Technology Committee |
| 8:55 AM - 9:00 AM | Keynote Remarks - Dr. Ezinne Uzo-Okoro, Assistant Director for Space Policy, White House Office of Science and Technology Policy |
| 9:00 AM - 10:00 AM | Session 1: Promoting Research and Observations of Space Weather to Improve the Forecasting of Tomorrow (PROSWIFT) Progress |
| | Session Chair: Mr. Bill Murtagh, Program Coordinator, Space Weather Prediction Center, NOAA |
| 9:00 AM - 9:10 AM | Update from the United States Geological Survey - Dr. David Applegate, Director, U.S. Geological Survey |

9:10 AM - 9:20 AM Update from the National Oceanic and Atmospheric Administration - Ms. Irene Parker, Deputy Assistant Administrator for Systems, NESDIS, NOAA

9:20 AM - 9:30 AM Update from the National Aeronautics and Space Administration - Ms. Peg Luce, Acting Director, Heliophysics Division, NASA

9:30 AM - 9:40 AM Update from the National Science Foundation - Dr. Alexandra Isern, Assistant Director, Directorate for Geosciences, NSF

9:36 AM - 9:48 AM Update from the Department of Defense - Dr. Joel Mozer, Director of Science, Technology and Research, U.S. Space Force

9:48 AM - 10:00 AM Update from the Commercial Sector - Dr. Jennifer Gannon, Vice President of Research and Development, Computational Physics, Inc.

10:00 AM - 10:30 AM PROSWIFT Panel Discussion

10:30 AM - 11:00 AM Break

11:00 AM - 12:00 PM Session 2: Recommendations of the Space Weather Advisory Group

Moderator: Dr. Tamara Dickinson, President, Science Matters Consulting; Chair, Space Weather Advisory Group

Panelists:

Dr. Seth Jonas, Principal for Space Strategy, Development, and Science, Lockheed Martin Corporation
 Dr. Jennifer Gannon, Vice President of Research and Development, Computational Physics, Inc.
 Dr. Delores Knipp, Research Professor, University of Colorado, Boulder
 Dr. Rebecca Bishop, Principal Scientist, The Aerospace Corporation

12:00 PM - 12:45 PM Lunch

12:45 PM - 12:55 PM Special Remarks - The Honorable Michael Morgan, Assistant Secretary of Commerce for Environmental Observation and Prediction, NOAA

1:00 PM - 1:30 PM Spotlight Talks

Chair: Dr. James Spann, Space Weather Lead, Heliophysics Division, NASA

1:00 PM - 1:10 PM Solar Cycle 25 Update - Dr. Scott McIntosh, Deputy Director, National Center for Atmospheric Research (NCAR)

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| 1:10 PM - 1:30 PM | Human Space Exploration & Space Weather Effects - Mrs. Tonya Ladwig, Vice President, Human Space Exploration and Orion Program Manager, Lockheed Martin Space |
| 1:30 PM - 2:00 PM | Session 3: Space Weather - Planning and Preparedness: Government Perspective Session Chair: Lt. Col. Omar Nava, Chief, Space Weather and Environmental EM Effects, USAF/A3WX |
| 1:30 PM - 1:40 PM | SWPC Emergency Management Coordination - Mr. Bill Murtagh, Program Coordinator, Space Weather Prediction Center, NOAA |
| 1:40 PM - 1:50 PM | Federal Emergency Management Agency - Mr. Matthew Payne, Deputy Assistant Administrator for Response, Office of Response and Recovery, FEMA |
| 1:50 PM - 2:00 PM | Q&A |
| 2:00 PM - 3:00 PM | Session 4: Space Weather - Planning and Preparedness: Industry Perspective Session Chair: Mr. Bill Murtagh, Program Coordinator, Space Weather Prediction Center, NOAA |
| 2:00 PM - 2:15 PM | Transportation Sector - Mr. John Dudley, Managing Director, Flight Operations, American Airlines |
| 2:15 PM - 2:30 PM | Energy Sector - Mr. Joe Woomer, Senior Vice President, Electric Transmission, Dominion Energy Inc. |
| 2:30 PM - 2:45 PM | Agriculture and the Global Supply Chain - Dr. Kathryn Draeger, Adjunct Assistant Professor, Statewide Directory, Regional Development Partnerships, University of Minnesota |
| 2:45 PM - 3:00 PM | Q&A |
| 3:00 PM - 3:30 PM | Break |
| 3:30 PM - 4:30 PM | Session 5: Moving Forward Towards a Space Weather Resilient Nation Moderator: Mr. Craig Fugate (Craig Fugate Consulting) Panelists: Mr. Mark Lauby, Senior Vice President and Chief Engineer, North American Electric Reliability Corporation (NERC) Dr. Delores Knipp, Research Professor, University of Colorado, Boulder |

Mr. Brent Blevins, Subcommittee Staff Director, US House
Committee on Science, Space, and Technology
Mr. Clinton Wallace, Director, Space Weather Prediction Center,
NOAA
Dr. Tamara Dickinson, President, Science Matters Consulting, Chair,
Space Weather Advisory Group

4:30 PM - 4:40 PM **Closing Remarks and Adjourn**

4:30 PM - 4:40 PM Closing Remarks - Dr. Elsayed Talaat, Director, Office of Projects
Planning and Analysis, NOAA

5:00 PM - 7:00 PM **Reception** (*Russell* Senate Office Building, SR 385)
