

National Aeronautics and
Space Administration



Welcome from the Heliophysics Division Director

Dr. Joseph Westlake

NASA Space Weather Council
February 2024 Meeting

National Aeronautics and
Space Administration



Welcome from the Space Weather Program

Jamie Favors, Director

NASA Space Weather Council
February 2024 Meeting

NASA Space Weather Program Team



Jamie Favors/Director
Programs/Projects &
Human Exploration



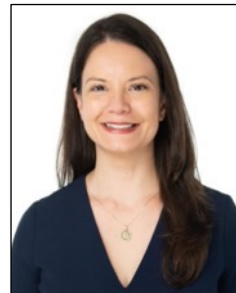
Genee Fisher/PS
Science, CoE, and
R&A



Esayas Shume/PS
Citizen Science and
R&A



Brad Williams/PE
Instrument Pipeline



Kelly Korreck/PS
Space Weather Council



Reiner Friedel/PS
OD/SSA and R&A



Ursula Rick/PE
Programs & Vigil



Walter Twetten
Program Operations

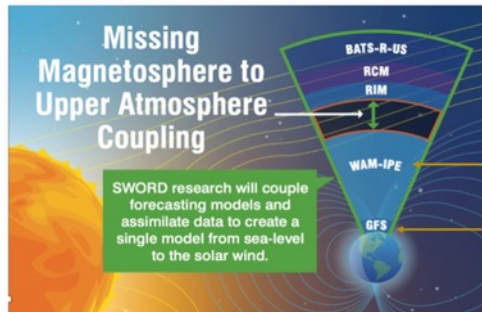
More updates coming soon!

Space Weather Centers of Excellence



Space Weather Research and Technology Applications (SPARTA) Center of Excellence

- PI: Keith Groves, Boston College

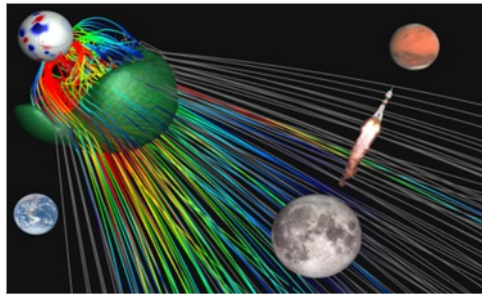


Space Weather Operational Readiness Development (SWORD) Center

- PI: Thomas Berger, University of Colorado, Boulder

CLEAR: Center for All-Clear SEP Forecast

- PI: Lulu Zhao, University of Michigan, Ann Arbor



Joint Selection w/ Department of Commerce:

Advanced Forecasting of Drag for Enhanced, Sustainable, and Conscientious Space Operations

- PI: Piyush Mehta, West Virginia University, Morgantown

Questions from the NASA Space Weather Council

- *What is the Space Weather Program's approach to balancing science and applications?*
 - **Possible discussion at 10.10a on Friday; Insight from Lawrence Friedl at 9.40a on Friday**
- *What is the status of the Space Weather Grand Challenge & Space Weather Pipeline?*
 - **Update from Brad Williams & Ursula Rick; Future solicitation updates will be made publicly**
- *What steps is the Space Weather Program taking to improve the specification accuracy of the cislunar environment in preparation of the Artemis human missions?*
 - **Updates during Topic 3 panel & discussion at 1p on Friday**
- *How is the Program ensuring the proper evaluation of R2O-type instrument & mission proposals under the Space Weather (and likely LWS) programs?*
 - *The objectives of such proposals do not align well with the existing evaluation framework for NASA science proposals. For example, what does 'science closure' means for an instrument/mission that serves both science and operational objectives? How do we ensure we get the proper 'balance' of capabilities from such flight opportunities?*
 - *Some suggestions could be: new types of STMs and/or form A/B factors, training of the panels, other ideas?*
 - *Establishing Traceability in the NASA mission formulation process was also recommended by SWAG (R.10.3).*
 - **Example of a NASA O2R-like process for missions from Lawrence Friedl at 9.40a on Friday**