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Poster

The Moon to Mars (M2M) Space Weather Analysis Office, located within the Heliophysics Science Division at NASA's Goddard Space Flight Center, provides real-time space weather assessments in support of NASA human and robotic missions. As an integral part of NASA's in-house R2O2R pipeline, M2M serves as a proving ground for new capabilities that can be transitioned to operational entities while also populating the Community Coordinated Modeling Center's (CCMC) Database Of Notes, Knowledge, Information (DONKI) with real-time space weather analysis in support of the research community. Additionally, M2M collaborates with NASA Johnson Space Center's Space Radiation Analysis Group (SRAG) and NOAA's Space Weather Prediction Center (SWPC) to analyze space weather and characterize the space radiation environment in support of the Artemis program. M2M's impact extends beyond analysis and model validation with the group's activity within the broader heliophysics community through international educational and outreach activities. In this poster, we highlight M2M's space weather analysis work, validation efforts, and outreach/educational activities.

Poster category:

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Space Weather Policy and General Space Weather Contributions

Poster session day

Thursday, April 18, 2024

Poster location

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Meeting homepage

[Space Weather Workshop 2024](#)

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