

NASA Heliophysics Space Weather Program

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NASA is a mission driven agency whose science mission is focused on discovering the secrets of the universe, looking for life elsewhere, and safeguarding and improving life on Earth. The Heliophysics division (HPD) plays a key role in every aspect of the NASA science mission, including understanding the drivers of and enabling the prediction of space weather. Heliophysics has an established research program that motivates and funds solar and space physics, which is the essence and foundation of space weather research. Recently, HPD established a Space Weather Science and Applications Program, SWxSA. The objective of this competed program is to enable the transition of the knowledge and understanding of space weather research to operating environments and enable its application to decision-making tools. This is done by partnering with sister agencies, the commercial sector, and academia. This talk provides an overview of HPD's space weather strategy, SWxSA and new initiatives relevant to space weather in the NASA Heliophysics Division.

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