

Explore, characterize, and predict the solar and heliospheric impacts on the geospace environment, the Earth, its satellites, and society.	Characterize and develop the ability to predict the dynamic space environment and its effects on habitability, technology and the exploration of space.	Understand the basic physical processes of the Sun, its activity and impact upon Earth and planetary environments, as the solar variations propagate out to the boundary of the solar system with the interstellar medium.
Understand the space environment to protect Earth and our space-based assets.	Understand and predict how the Sun affects the space environment that will be experienced by human explorers.	Understand the basic physical processes of the Sun and the impact of its activity on its surroundings from planets to the local cosmos.
Explore space weather and its effects on Earth and technology	Understand how the Sun affects life in the solar system to help us safely explore space.	Understand the basic physical processes of the Sun and the impact of its activity on its surroundings from planets to the local cosmos.