

National Aeronautics and
Space Administration



Space Weather Council Requests

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Domestic and international partnerships and opportunities to expand coordination

The NASA partnerships and coordination domestically and internationally is important to the success of the Space Weather Program. To focus in on how to optimally meet these goals, HPD requests that the HPAC and the Space Weather council examine the characteristics of an effective model of international collaboration for large scientific intra-governmental projects.

- Are there specific examples in the science (perhaps particle physics or earthquakes) of effective international collaboration that NASA HPD Space Weather Program should explore?
- What are the characteristics that make these successful?
- How were they formed? Was it programmatically from a government agency or from a grass-roots effort?
- What is their funding structure?
- What types of non-governmental partnerships are also successful?

Revision of Space Weather Scales

Currently, a study is underway to

“Refine space weather benchmarks that provide quantitative baselines to assess the intensity of space weather events”

This includes a study to see if the scales used in space weather should be revised. NASA seeks to understand what areas of space weather scientific research and modeling and observations would be affected by any change. HPD requests that the HPAC and Space Weather Council investigate the following.

Where in the Space Weather scientific research are the space weather scales used. How are they used and what impact could a change have on that area?

- Data archives
- Longitudinal research
- Modeling input/outputs
- Observational data set
- Other ?