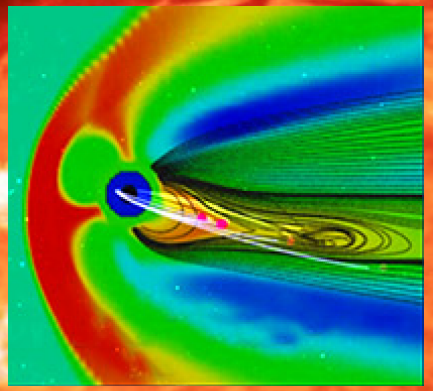
Heliophysics Science Division:
Our View of Space Weather



Background

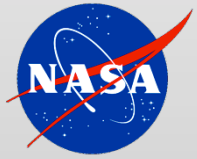
NASA is the US lead agency in research of the space environment

NASA collaborates with other agencies and entities to transition research to societal benefit

NASA itself has unique space weather needs, in particular for human space flight, missions with specific science purposes, and missions, which venture far out of Earth orbit

HSD is proud to play its role in all of these aspects of NASA's mission

Addressing NASA's SW Needs



The SWRC and the SRAG are jointly leading service providers

- SRAG for human space flight
- SWRC for robotic missions

Service partnerships involve additional NASA centers, e.g., MSFC and JPL, as well as the broad scientific community

Service Aspects

Proactive

- Anticipate needs – through customer requests or by monitoring agency plans

- Test and evaluate research products

- Develop new Capabilities

- Expose capability to feedback from users

- Deploy as appropriate

Service Aspects

Real time ("now")

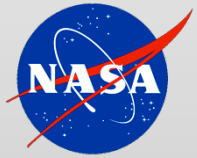
- Provide alerts and warnings

- Provide event analyses

- Seek feedback from customers

- Continuously adapt alert/warning criteria to customer needs

Service Aspects



Reactive

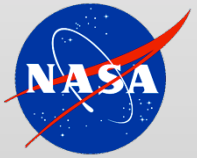
- To changing requirements:

  Adapt to emerging needs

  Respond to customer requests

- To development successes:

  Switch to better tools if available



This Workshop focuses

on all Aspects of Service

Summary

HSD at GSFC is proud to play an important role in scientific research for NASA, but also in this service partnership for NASA

HSD enjoys outstanding support from GSFC center management for this (and other) goal

Working with customers is key to service success, and this workshop is designed for this purpose

I am particularly delighted that it is co-organized with our friends from JSC