Heliophysics Coalition

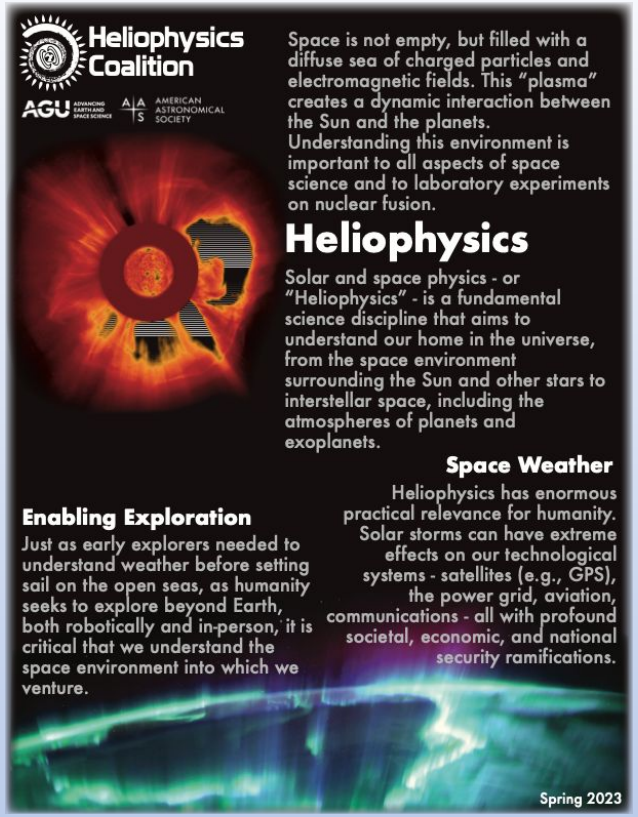
- Inspired by The Planetary Society
- Institutions from academia and industry
- Wide geographic diversity
- Brings together community members AND institutional government/federal relations professionals
- Differs from AGU & AAS committees because it leveraged institutional (not individual) participation

Sources of Heliophysics Funding

- ***NASA Heliophysics Division*** (line item in Federal Appropriations)
- NSF (entire agency is line item, not divisions or directorates)
- Department of Energy Office of Science
- Department of Defense (e.g., AFOSR)
- USGS, Department of the Interior
- NOAA, Department of Commerce

The Advocacy Process

- Best Practices:
  - Advocate directly for Heliophysics, rather than comparing with other disciplines
  - Secure backing from professional societies (AAS,AGU,…), who submit written testimony to Appropriations Committees
  - If possible, make connections at the local (state/district) level
  - ***Have a consistent message <u>for</u> all policymakers and <u>from</u> all constituents***
- AAS/SPD Public Policy Committee & AGU/SPA Advocacy Committee
  - Have been working closely together for past few years



2023 Leave-behind (front)

2023 Leave-behind (back)

The next Heliophysics Decadal Survey is underway!
FY24 investment is required to prepare the community to address high-priority science questions and implement the missions to answer them.

The Living With a Star Program requires additional FY24 funding to continue missions targeting specific aspects of the Sun-Earth system that affect life and society. This includes the Geospace Dynamics Constellation (GDC) - the next recommended large mission from the previous Decadal Survey - which was paused in the FY24 NASA Budget because of cost overruns for the Mars Sample Return mission.

The Heliophysics Coalition requests FY24 funding that will allow the NASA Heliophysics Division to support and implement a balanced, coordinated, and world-leading research program that advances top scientific and technological priorities.

Program	FY23 Enacted	FY24 PBR	FY24 Ask
Heliophysics	**$805M**	**$751M**	**$935M**
Heliophysics Research	$229M	$231M	$231M
Living With a Star	$147M	$100M	$245M
Solar Terrestrial Probes	$208M	$194M	$228M
Explorers Program	$168M	$191M	$191M
Technology	$28M	$8M	$13M
Space Weather	$25M	$27M	$27M

Investment in the NASA Heliophysics Division has not kept pace, with either inflation or growing need.

How we can all Move Forward with a United Front

- Join the AAS/SPD Public Policy Committee or AGU/SPA Advocacy Committee
- Get to know your institutional Government Relations personnel, if you don't already
- Make yourself and your work known to your Representative/Senator
- Be responsive to requests from AAS/AGU Committees
- …..

To join or learn more, email Lindsay Goodwin (lindsay.v.goodwin@njit.edu) or Ian Cohen (Ian.Cohen@jhuapl.edu)