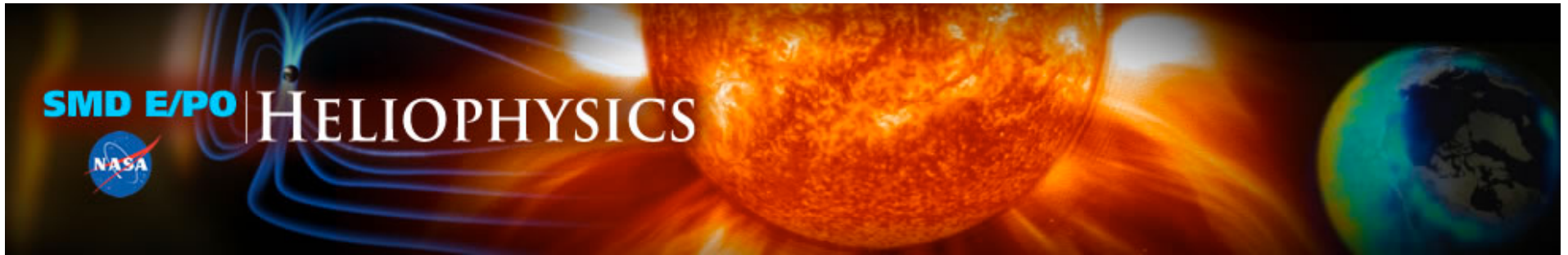


Heliophysics Concept Maps

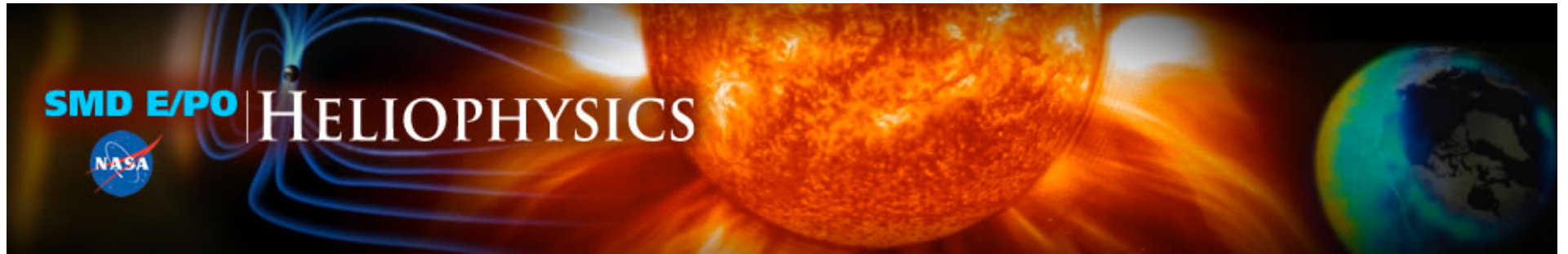
NASA Science Mission Directorate
Heliophysics Science Education and
Public Outreach Forum



Why did we do this?

We wanted to...

- provide a way for NASA Science Mission Directorate Heliophysics Education and Public Outreach professionals to understand how their formal education (including higher education) and informal education products tie to general overarching Heliophysics concepts, and
- provide a way for educators or curriculum designers to tie Heliophysics concepts together with related science concepts.



Primary audience:

- The NASA Science Mission Directorate Heliophysics Education and Public Outreach community
- ...but others outside the community might also find them useful.



How the maps are laid out:

- Three sets of concepts tied to the 3 “Big Questions” of NASA’s Heliophysics program:
 - What causes the Sun to vary?
 - How do the Earth and heliosphere respond to the Sun?
 - What are the impacts of the Sun on life and society?
- 18 maps, 17 of which are from the AAAS Atlas of Science Literacy plus one custom-made map
- Each concept in the maps is color-coded to its relevance to heliophysics, whether the concept already existed in the AAAS Atlas map, or whether it was newly developed.