

## **COSPAR Panel on Space Weather (PSW) Resolution on Metadata Standards.**

*Accepted at COSPAR PSW Business Meeting on July 18, 2018 (revised December 6, 2018)*

Taking into account that:

1. It is in the general interest of the international space physics and space weather community that data be made as widely accessible as possible.
2. The open exchange of data benefits from accurate, complete, and standardized structured metadata.
3. The ILWS-COSPAR Roadmap recommends to standardize metadata and harmonize access to data and model archives.
4. There are a variety of metadata standards, few of which meet the full needs of the community to document and enable discovery of available diverse data.
5. The SPASE (Space Physics Archive Search and Extract) metadata standard has demonstrated that it is comprehensive and mature and can meet the needs of the community,
6. That sufficiently detailed metadata enhances data access and discovery by applications and through services like HAPI (Heliophysics Application Programmer's Interface) as well as bulk downloads.

The COSPAR PSW resolves that there is a need for a common metadata standard to facilitate and enhance international access to data acquired by space- and ground-based instruments.

Therefore, it is recommended that:

1. SPASE be the metadata standard to describe space physics and space weather data.
2. Funding agencies provide encouragement and adequate support to enable data produced by projects to be described with SPASE metadata.