

COSPAR Panel on Space Weather (PSW) Resolution on Data Access.

Accepted at COSPAR PSW Business Meeting on July 18, 2018

Taking into account that:

1. It is in the general interest of the international heliophysics and space weather community that data be made as widely accessible as possible,
2. The open exchange of data benefits from well defined and standardized methods of access,
3. The ILWS-COSPAR Roadmap has recommended to standardize metadata and harmonize access to data and model archives,
4. The Heliophysics Application Programmer's Interface (HAPI) specification has demonstrated that it is comprehensive and can meet the needs of the community,

The COSPAR PSW resolves that there is a need for at least one common data access API to facilitate and enhance international access to data.

Therefore, it is recommended that:

1. HAPI be the common data access API for space science and space weather data.
2. Funding agencies provide encouragement and adequate support to enable data produced by projects to be accessed using HAPI compliant services.