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As more space weather measurements, models, and forecasts become available, standard ways to access the resulting data become increasingly important. Unpleasant data wrangling efforts throughout analysis and operations processes can be reduced by leveraging standards. The Heliophysics Application Programming Interface (HAPI) is a COSPAR endorsed and NASA supported standard for accessing time series data, and it is being adopted by both the Space Weather Prediction Center (SWPC) and the National Environmental Satellite, Data, and Information Service (NESDIS). Multiple NASA Heliophysics archives now make their data available using HAPI, as do several international projects and archives with space mission data, ground-based measurements, and space weather indices.
We describe the basics of the HAPI standard, the extent of its adoption, and how existing HAPI-enabled tools can benefit both data providers and data users. We will also showcase some existing and emerging capabilities for data visualization and data fusion, which can be useful for any HAPI data source. The recent Heliophysics Decadal Survey community vision for increased cohesion across Heliophysics is strongly resonant with HAPI's standardization and data fusion capabilities.

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