

Solar-Terrestrial Data Analysis Activities in Japan

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Solar-Terrestrial Environment Data analysis workshops, called STE workshops, for selected events have been held in Japan for several decades. The workshops are usually held twice a year. The most recent events that occur in the first half of the year and the latter half of the year are reviewed in each workshop. Three or four scientifically interesting events during the periods are selected for detailed analysis. The data base of the events is made, and it is open to the public on web. After the workshops, data books, which are summary of the analysis, are published. They are also provided as CD-ROMs. Table 1 lists the data sources of the STE workshops.

Keywords: data analysis; solar-terrestrial environment.

Table 1. Data sources for solar-terrestrial data analysis activity in Japan

Region	Data	Institution
Review	Spacecraft and Ground-Based Observations	National Institute of Info. & Com. Tech. SERC, Kyushu Univ.
Sun	Sunspots, Ha, Corona, Magnetogram	National Astronomical Observatory (NAO) Hida Solar Observatory, Kyoto Univ.
	Solar Radio Emission	National Institute of Info. & Com. Tech. Nobeyama Solar Radio Observatory, NAO
Interplanetary Space	Interplanetary Scintillation	STEL, Nagoya Univ.
	Cosmic Rays	STEL, Nagoya Univ. Institute of Physical and Chemical Res. Shinshyu Univ.
Magnetosphere	AKEBONO, GEOTAIL	SSRD, JAXA
	Polar Observations	National Institute of Polar Research
	Geomagnetic Observations	Kakioka Geomagnetic Observatory Onagawa Geomagnetic Observatory, Tohoku Univ.
		WDC-C2 for Geomagnetism, Kyoto Univ. SERC, Kyushu Univ.
Upper Atmosphere	Imaging Riometer	STEL, Nagoya Univ. National Institute of Info. & Com. Tech.
	Ionosonde	National Institute of Info. & Com. Tech.
	TEC	National Institute of Info. & Com. Tech.
	HF Doppler	The Univ. of Electro-Communications Doshisha Univ. Osaka City Univ.
	Airglow, Low-Latitude Aurora	STEL, Nagoya Univ. Niigata Univ.