

PEM036-P01

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## Space Weather Information Service under ISES

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International Space Environment Service (ISES) is an international organization, a part of which originated from International Geophysical Year (IGY). During IGY, the organization was responsible for data and information exchange for international co-coordinated observations. The present form of ISES started in 1996. There are eleven regional warning centers in Australia, Belgium, Czech Republic, Canada, China, India, Japan, Poland, Russia, Sweden, USA and there is only one center in southern hemisphere before International Heliophysical Year (IHY). Two centers in Brazil and South Africa joined to ISES at the moment of IHY. Now three centers are operating in the southern hemisphere.

The centers exchange data and information among them and deliver space weather information in their countries. Space weather has relation to our daily life. For example, it is known that bad space weather sometimes causes failures of satellites and troubles on power grids. Hence, space weather is a good entrance of an interest of space science. Real-time data telling present activities of space environment condition, such as images of the sun and aurora are good materials to enhance interest of space science to general public.

Keywords: space weather, International Space Environment Service