

## **Space weather forecast center in Japan**

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Recent progress of information technology enables to collect data near real-time. This very much improves to monitor space weather condition. For example solar wind monitor at L1 by the ACE spacecraft enables to provide a warning of a geomagnetic storm before approximately one hour. We deliver the information of near real-time space weather condition through internet. Recently we have started two collaborations with space weather users. One is measurement of geomagnetically induced current (GIC) of power grids in collaboration with the Japanese power company. The other is a problem of the radiation exposure for aircrew. The radiation exposure level for aircrew had been determined by Japanese government in the end of 2005. The proposed upper limit is 5 mSv a year. We are seeking a way of contribution for this subject now.