

## ERG-Science Center (ERG-SC): the hub of ERG science activities

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ERG-Science Center (ERG-SC) can be recognized as a set of efforts led by the joint research center for space science operated by ISEE, Nagoya University and JAXA/ISAS. ERG-SC is responsible for a wide variety of tasks for the Exploration of energization and Radiation in Geospace (ERG) project: development of science data archive and data analysis tools, planning of satellite observation, coordination with ground-based observations and simulation/modeling efforts, and promotion of inter-project collaborations. Following the provisional CDF data, level-2 data (calibrated, in physical unit) and the higher level data products of the ERG satellite are prepared and to be made available to users through the ERG-SC online data repository. Not only the satellite data but also ERG-related ground observational data have been available from the data archive. ERG-SC has developed and updated a set of IDL scripts, referred to as ERG-SC plug-in for SPEDAS (Space Physics Environment Data Analysis Software) enabling users to analyze multiple instrument data seamlessly and also combine them easily with other satellite/ground/simulation/modeling data. ERG-SC also plays a main role in making regular and campaign observation plans for the ERG satellite in concert with collaborative observation projects. In the presentation, recent updates on various activities of ERG-SC are reviewed to provide active and potential users with concise and useful information on the ERG project data and how to access/analyze them.