

Ground network observation of ISEE, Nagoya University, for the study of coupling processes in solar-terrestrial system

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The Solar-Terrestrial Environment Laboratory, Nagoya University has been combined with Hydrospheric Atmospheric Research Center and Center for Chronological Research to become the Institute for Space-Earth Environment Research (ISEE) of Nagoya University since October 2015. Under the new institution, ground-based observation network has been kept operating to study coupling processes in solar-terrestrial system, particularly at ground stations in Asia and Africa from high to low latitudes. A new collaborative research system will be launched from April 2016 particularly to extend this ground network observations in collaboration with various Japanese and foreign institutions. The Center for International Collaborative Research (CICR) and Center for Integrated Data Science (CIDAS) are newly established under ISEE to promote international collaborative researches and to promote integrated analyses using various kinds of observation data and advanced computer simulations, respectively. These centers also contribute to the operation and database construction of the ground-based network observation by ISEE. In this presentation, we show ground-based network observations and domestic and international collaboration system newly developed under ISEE and its two centers.

Keywords: Ground network observation , Institute for Space-Earth Environment Research (ISEE), Nagoya University, cooperative research