

SCOSTEP-WDS Workshop on Global Data System for the Study of Solar-Terrestrial Variability

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This workshop will be held on 28-30 September 2015 at the National Institute of Information and Communications Technology (NICT) at Koganei, Tokyo. The principal objective of the workshop is to stimulate interaction among data providers (WDS members, data centres, data networks, etc.), data scientists, and data-oriented researchers participating in SCOSTEP, which is the Interdisciplinary Body of ICSU promoting a series of international research programs on solar-terrestrial connection. Its current program VarSITI (Variability of the Sun and Its Terrestrial Impact, <http://www.varsiti.org/>) will strive for international collaboration in data analysis, modelling, and theory to understand how the solar variability affects the Earth's environment in a vast range of time scale, from seconds to billions of years. Long-term preservation and provision of quality-assessed data and information will be common objectives for SCOSTEP and WDS. Development of advanced data systems to enable scientists to perform multidisciplinary data-analysis will be another common target. This workshop will be a remarkable opportunity to initiate close collaboration between SCOSTEP and WDS to promote our data-oriented activities by introducing outcomes from the information technology. Data analysis of selected solar-terrestrial events will be an important component of the workshop also not only to develop the study of solar-terrestrial variability but also to establish a mutual feedback loop between "data users" and data providers. Principal topics of the workshop are: (1) Application of information technologies to mutual data activities, (2) Data systems for VarSITI (data centres, data networks, data analysis systems, etc.), (3) Data analysis (VarSITI Campaign Intervals and others), and (4) Data-oriented collaborations between SCOSTEP and WDS. The registration and abstract submission will be initiated on 1 April 2015. Please visit our Web page <http://isds.nict.go.jp/scostep-wds.2015.org/> for further information.

Keywords: ICSU, SCOSTEP, WDS, VarSITI, Data, Workshop