

SCOSTEP Activities toward a Better Understanding of Sun-Earth Connection

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The Scientific Committee on Solar-Terrestrial Physics (SCOSTEP) was established in 1966 as an interdisciplinary body of ICSU, the International Council for Science. SCOSTEP is tasked with running long-term scientific programs in Solar Terrestrial Physics, a topic closely related to life on Earth. In addition to running the scientific programs, SCOSTEP is heavily invested in Capacity Building and in Public Outreach. During the quadrennial solar terrestrial physics symposia, scientific highlights from the ongoing scientific programs are presented and plans are made to publish scientific results to the world scientific community. SCOSTEP collaborates with other efforts such as the International Space Weather Initiative (ISWI) in running Space Science Schools. SCOSTEP is a Permanent Observer to the United Nations Committee on Peaceful Uses of Outer Space (UNCOPUOS), which is used as a forum to disseminate SCOSTEP activities to the member countries. In particular, SCOSTEP participates in the deliberations of the Science and Technology Subcommittee of UNCOPUOS under the Space Weather Agenda. This talk will focus on some of the recent SCOSTEP scientific programs and the associated activities that have helped spur research in solar terrestrial physics.

Keywords: SCOSTEP, Solar Terrestrial Physics, International Cooperation, Capacity Building, Public Outreach, Sun-Earth Connection

Solar Variability and SCOSTEP Scientific Programs

