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PEM006-01

Room:101

Time:May 25 10:45-11:05

Current Status and Future Activities of CAWSES-II

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ICSU-SCOSTEP which promoted the STEP program (1990-1997) and the S-RAMP program (STEP-Results, Applications and Modeling Phase, 1998-2002) carried out the first international collaborative research project on CAWSES (Climate And Weather of the Sun-Earth System, 2004-2008) which examined space weather and space climate of sun-earth system in the twenty-first century. ICSU-SCOSTEP successively established an international program of the CAWSES-II (2009-2013) with an aim of significantly enhancing our understanding of the space environment and its impacts on life and society. The main functions of CAWSES-II are to help coordinate international activities in observations, modeling, and applications crucial to achieving this understanding, to involve scientists in both developed and developing countries, and to provide educational opportunities for students of all levels.

CAWSES-II is organized by the four Task Groups and other two Groups.

TG1. What are the solar influences on climate?

TG2. How will geospace respond to an altered climate?

TG3. How does short-term solar variability affect the geospace environment?

TG4. What is the geospace response to variable inputs from the lower atmosphere?

G5. Capacity building

G6. Esience and informatics (Virtual Institute)

For the middle year (2011) of CAWSES-II, we review the current status and will discuss next activities and next action plans.

Keywords: CAWSES-II, Space Weather, Space Climate, Current Status, Next Action Plans, SCOSTEP