

Panels (P)

COSPAR Space Weather Roadmap as a Community Driven Effort (PSW.6)

COORDINATION WITH OTHER INTERNATIONAL ORGANIZATIONS AND INITIATIVES – A REGIONAL REPORT

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Space weather is a vast area of research and services that has spawned initiatives of international cooperation. The complexity of the topic and the need for forecasting has become a very big task for just one organization or country. International collaboration is essential for operational monitoring and forecasting of space weather and long-term implementation. Since

the beginning of the 21st century, many organizations, mainly in the United Nations, have established workshops and started the discussion of space weather, and some of them have moved to operational services. Space weather warning centers have begun to promote comprehensive cooperation in space science research and observation for greater coverage and improvement of forecast models, however, efforts in support of scientific research and cooperation to jointly carry out the research, collection, storage and data sharing still need to be encouraged.

Cooperation is even more necessary to monitor and understand regional aspects of the global magnetosphere and ionosphere, such as the South American Anomaly (SAA).

In this work we will present some discussion on initiatives in space weather for the region of Latin America and Asia.