

IAF EARTH OBSERVATION SYMPOSIUM (B1)  
International Cooperation in Earth Observation Missions (1)

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AMERIGEO: ADVANCING EARTH OBSERVATIONS AND GEO-SPATIAL INITIATIVES IN THE  
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**Abstract**

This presentation will inform participants on the regional cooperation network in the Americas, AmeriGEO, which enables members to leverage shared capabilities to better inform decision-making products. This framework for cooperation in the use of Earth observations is a network among the countries in the Americas, with particular efforts towards the capacity building of developing nations.

AmeriGEO members participation provides strategic direction for cooperation and the advocating of local and national interests through the utilization of Earth Observation information. The intent is to increase institutional and personal capacity through cooperation, acquisition, and sharing of technology, training, and through the engagement of experts, stakeholders, and decision-makers in the process of decision-making and implementation of sound policies. This in turn helps to build capacity from research to Implementation in GEO-member countries by leveraging existing expertise, technology, and efforts in country and across the region. AmeriGEO further enhances these goals through providing annual regional trainings and symposiums, development of a regional strategic work plan, and the fostering a strong network among space leaders in the region.

Noting the 20th anniversary of The International Charter: Space and Major Disasters, this paper will explain how AmeriGEO encourages the use of Earth observations and standards for the development of multi-risk, vulnerability, exposure and impact assessment stakes related to each stage of the disaster cycle. This is achieved by providing direct assistance to selected national stakeholders in testing and utilizing improved settlement, infrastructure, and population data and models in representative efforts to monitor progress related to the SDGs and support SD planning and decision-making.