

GGOS Vision and Mission Statement

IAG By-Laws define:

The Global Geodetic Observing System (GGOS) works with the IAG components to provide the geodetic infrastructure necessary for monitoring the Earth system and for global change research.

Includes implicitly a vision and a mission!

Vision of GGOS

The GGOS vision is to empower Earth science to monitor ongoing changes, to extend our knowledge and understanding of the Earth system processes, and to increase our capability to predict the future behavior of the Earth system.

Mission of GGOS (1)

GGOS is the flagship of IAG. The development of GGOS in order to meet the requirements of scientific and societal applications of geodesy is the overarching theme for the research and science in IAG. GGOS is committed to disseminate geodetic observations and products to users inside and outside of IAG, and to support scientific and non-scientific communities with geodetic expertise. It promotes and improves the visibility of geodetic scientific research in Earth sciences and society.

The mission of GGOS is to facilitate networking among the IAG Services and Commissions and other stakeholders in the Earth science and Earth Observation communities, to provide scientific advice and coordination that will enable the IAG Services to develop products with higher accuracy and consistency meeting the requirements of particularly global change research, and to improve the accessibility of geodetic observations and products for a wide range of users.

Mission of GGOS (2)

The IAG Services, upon which GGOS is built, benefit from GGOS as a framework for communication, coordination, and scientific advice necessary to develop improved or new products with increased accuracy, consistency, resolution, and stability. IAG benefits from GGOS as an agent to improved visibility of geodesy's contribution to the Earth sciences and to society in general. The users, including the national members of IAG, benefit from GGOS as a single interface to the global geodetic observation system of systems maintained by the IAG Services not only for the access to products but also to voice their needs. Society benefits from GGOS as a utility supporting Earth science and global Earth observation systems as a basis for informed decisions.

Mission of GGOS (Gross et al.)

The mission of GGOS is to promote the application of geodetic Earth observation methods to the solution of Earth Science problems. GGOS accomplishes its mission by defining the geodetic infrastructure that is needed to meet scientific and societal requirements, by advocating for the establishment and maintenance of this geodetic infrastructure, by coordinating interaction between the IAG Services, (and) Commissions, and other geodetic entities, by improving quality and accessibility of geodetic observations and products, and by educating the scientific community about the benefits of geodetic research and the public about the role that geodesy plays in society.