



Fostering links with major scientific research enterprises in each SBA
The EGIDA Contribution to the Science and Technology Road Map Activity 2c
"Build awareness of GEO and GEOSS in the different S&T communities, within the scope of GEOSS development."

1 INTRODUCTION

In its Road Map, the GEO Science and Technology Committee (STC) included the Activity 2c, which aims at *"Building awareness of GEO and GEOSS in the different S&T communities, within the scope of the GEOSS development."* This activity is implemented by the GEO Work Plan Task ST-09-02 through several contributions.

Originally, the ST-09-02 Task Team agreed on the following activity related to Activity 2c in the STC Road Map:

ST-09-02 Activity 1: In order to foster links with major scientific research enterprises in each SBA, the following steps are planned:

1. establish or identify a high-level list of major scientific research enterprises necessary for GEOSS;
2. identify the key organizations currently not linked to GEO and find mechanisms for effective and efficient linkage to these organizations, for example, through POs, the GEOSEC, or targeted workshops;
3. organize, support, launch, or initiate, where necessary, workshops to network the new organizations with relevant Task Team and CoPs in the different SBA.

This activity provided some of the background for Deliverable 5.9 of the EGIDA Project. This deliverable is defined as:

D5.9 (PM6) Directory of Science Networks. The Directory will identify appropriate science networks where EGIDA results and successes can be disseminated to appropriate audiences. Initial work has been underway at the STC.

The deliverable will serve both the EGIDA outreach activities and the ST-09-02 Activity 1. It is important to note that the ST-09-02 Activity 1 has evolved over time due to developments within GEO. Initially, the goal was to identify those major scientific enterprises that are of high relevance to GEO and GEOSS but not yet linked to GEO. It was anticipated to contact those organizations consider to correspond to crucial gaps in specific SBAs and to introduce them to GEO and GEOSS. A goal would be to consider a potential application of these organizations for the status of Participating Organization in GEO.

However, in 2010, the GEO Executive Committee and the GEO Plenary formulated a position that favored a low number of Participating Organizations in GEO and a restriction to major organizations contributing or depending on Earth observations. In the light of this development, ST-09-02 revisited the scope of Activity 1.

The revised scope of Activity 1 focuses on a linkage on scientific organizations involved in promotion of science in their specific fields. The revised Activity 1 is defined as:

<p>ST-09-02 Activity 1: In order to foster links with major scientific organizations in each SBA, the following steps are planned:</p> <ol style="list-style-type: none"> 1. establish a high-level list of major scientific organizations in the nine SBAs addressed by GEO; 2. develop a concept for co-operation with scientific organizations in terms of promoting the use of Earth observations and in particular the use of GEOSS; 3. establish contacts to major scientific organizations in all SBAs and explore options for promotion of GEOSS and Earth observations in general with these organizations.

With this new scope, emphasis has shifted from the identification of major groups, programs or enterprises involved in research to those professional organizations that promote science in their specific fields. In this document, we provide an initial list of major scientific professional organization. Here, we define as major professional organizations as those that are globally or regionally widely known to experts in their specific field. We consider as professional organizations those (usually non-profit) organizations that seek to further a particular profession, the interests of individuals engaged in that profession, and the public interest.

2 LIST OF MAJOR SCIENTIFIC ORGANIZATIONS OF RELEVANCE TO GEO AND GEOSS

NAME	ACRONYM	DESCRIPTION AND URL	SBA
International Association of Universities	IAU	Relevant for education, capacity building, research programs. URL: http://iau-aiu.net/index.html .	All
European Geosciences Union	EGU	Regional organization promoting geosciences. URL: http://www.egu.eu .	All
American Geophysical Union	AGU	National organization with global membership promoting geophysical sciences. URL: http://www.agu.org .	All
Global Earthquake Model	GEM	Public-private partnership working to create open-source tools and software for earthquake risk assessment on international, national and community levels. URL: http://globalquakemodel.org/ .	Disasters
International Atomic Energy Agency	IAEA	Seeks to promote the peaceful use of atomic energy, and to inhibit its use for any military purpose, including nuclear weapons. URL: http://www.iaea.org/	Energy, Disasters
European Plate Observation System	EPOS	Research Infrastructure and E-Science for Data and Observatories on Earthquakes, Volcanoes, Surface Dynamics and Tectonics. URL: http://epos.bo.ingv.it/ ,	Disasters

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