



## ST-09-02 Report to STC-16

*April 3, 2011 (prepared by Hans-Peter Plag, PoC)*

### Task Sheet Updates

The Task Sheet available on the GEO Work Plan web site was updated in February 2011. Fully up-to-date information on the task can be found at <http://www.geo-tasks.org/st0902>.

### Changes in Task Team

At STC-15, the European Commission (EC) joined the Task Co-Leads of ST-09-02. In 2011, the EC informed the GEO Secretariat that Ian McCallum, IIASA and EGIDA-Project, is representing the EC as Co-Lead.

Jean Louis Fellow informed the GEO Secretariat that COSPAR no longer would be able to co-lead ST-09-02. COSPAR will continue to participate in the Task Team.

The Task leaders are now IEEE and EC. Hans-Peter Plag, IEEE, continues to be the PoC.

### Progress and Achievements since STC-15

The following progress is highlighted:

**Sub-Activity 1.1** (High-level list of major scientific research enterprises necessary for GEOSS): In the frame of EGIDA, the process of compiling this list has started.

**Sub-Activity 2.1** (Roadmap Activity 2a; a GEOSS citation standard): A draft GEOSS Citation Standard was prepared by EGIDA partners, and iterated by the ST-09-02 Task Team. The final draft was forwarded to the STC for further handling. The draft is for a V1.0 Citation Standard. The Task team together with the EGIDA partners is now embarking on developing the V2.0 Standard, which will address a number of open issues.

**Sub-Activity 2.2** (Roadmap Activity 2b; establishing a "GEO label"): EGIDA and GEOViqua partners have started work relevant for the GEO label. ST-09-02 is compiling a background document that reviews approaches by other organizations to labeling, certification, and quality assurance. This document will provide a sound basis for a proposal for a GEO label. The ST-09-02 task team will also make an effort to coordinate with EGIDA and GEOViqua.

**Sub-Activity 3.3** (Roadmap Activity 2d; showing GEOSS at work: compelling examples): The GEOSS Portfolio for Science and Technology is published as a web site at [http://www.geo-tasks.org/geoss\\_portfolio](http://www.geo-tasks.org/geoss_portfolio). The portfolio was described in a GEO Newsletter article in January 2011 (see [http://www.earthobservations.org/art\\_012\\_001.shtml](http://www.earthobservations.org/art_012_001.shtml)). Since the initial publication one additional example has been added (in Agriculture) and one new proposal has been submitted for the Water SBA. Additional proposals are expected after an EGIDA workshop on use cases on April 18-19, 2011, in Rome.

**Sub-Activity 5.1** (Identify major scientific conference and facilitate plenary presentations on GEO and GEOSS): A initial platform for the coordination of GEOSS-related contributions to major scientific conferences has been made available at [http://www.geo-tasks.org/meetings\\_sandt](http://www.geo-tasks.org/meetings_sandt). This platform will be used to coordinate future contributions and to document past events. Some minor funds are needed to add interactive capabilities to this platform.

**Sub-Activity 5.2** (Session on GEOSS-related topics at major scientific meetings): A GEOSS-related session took place at the AGU Fall meeting in San Francisco. Co-Conveners related to the STC were Kathleen Fontaine, Douglas Cripe and Hans-Peter Plag. Several GEOSS-related proposals were submitted for the "Planet Under Pressure" conference in 2012 in London.

### Issues to be Addressed by STC

(1) The Task Team would like to hear how the STC will further process the Draft Citation Standard. Specifically, the Task Team would like to here at what level this standard will be accepted and published. The ST-09-02 Task Team would also like to know whether participation of the Task Team in the next steps is requested.