

ST-09-02

Promoting Awareness and Benefits of GEO in the Science and Technology Community

Hans-Peter Plag

International Association of Geodesy (IAG)

(University of Nevada, Reno, Nevada, USA)

Jean-Louis Fellous & Nadine Gobron (COSPAR)

- Progress Report since STC meeting in Melbourne
- Membership and Resources (mainly unchanged)
- Issues Requiring STC Actions (no new ones)

More information at <http://www.geo-tasks.org/st0902> ...

Introduction

- Task Kick-Off meeting: July 27-28, 2009, Frascati, Italy
- Minutes available at <http://www.geo-tasks.org/st0902/meetings>
- Report on status of Action Items at STC meeting in Melbourne

Activity 1

Activity 1: Links with major scientific research enterprises

1.1 High-level list of major scientific research enterprises necessary for GEOSS

List is in preparation by ICSU, but there are some resource issues to be discussed by the Task team.

1.2 Identification the key organizations currently not linked to GEO and development of mechanisms for linkage to these organizations

Action Item ST2-KO-1: Douglas Cripe and Hans-Peter Plag will monitor the discussion concerning acceptance criteria for and status of POs and will inform the Task Team when decisions are reached by the GEO Plenary. Responsible: Douglas Cripe, Hans-Peter Plag, Deadline: 2009-12-31.

GEO-VI Document Role of Participating Organizations: “The Executive Committee recommends that GEO reserve Participating Organization status for those organizations most capable of contributing meaningfully to GEOSS implementation.”

1.3 Organize, support, initiate workshops to network the new organizations with relevant Task Team and CoPs in the different SBA.

Pending depends on 1.1 and 1.2.

Activity 2

Activity 2: Encourage scientists and technical experts to contribute to GEOSS

2.1 Getting GEOSS acknowledged among scientists; a GEOSS citation standard

Action Item ST2-KO-2: All Task Team members will gather information on approaches to citation rules and credits for acknowledging data established and applied in relevant organizations they are linked to, and they will submit this information to Stuart Marsh for the preparation of a summary report.

Responsible: ALL, Deadline: 2009-10-31.

List of web pages with information on data citation rules and practices (thanks to Kathy Fontaine):

- IPY: <http://ipydis.org/data/citations.html>
- ORNL: http://daac.ornl.gov/citation_policy.html
- NSIDC: no link given
- Pangaea: <http://www.pangaea.de/about/>
- GBIF: <http://www.gbif.org/participation/data-publishers/gbif-sharing-agreement/how-to-cite-gbif-data/white-paper-citation-of-gbif-data/>
- NISO: <http://www.niso.org/topics/tl/NISOTLDataReportDraft.pdf>
- DataVerse: <http://thedata.org/citation>
- TDWIG: <http://www.tdwg.org/standards/150>

Activity 2

Activity 2: Encourage scientists and technical experts to contribute to GEOSS (continued)

2.2 Develop concept for a "GEO label" related to the scientific relevance, quality, acceptance and societal needs for activities in support of GEOSS as an attractive incentive for involvement of the S&T communities.

Action Item ST2-KO-3: All Task Team members will gather information on best practices in quality assurance and quality assessments for data sets and products made available through relevant organizations they are linked to, for example, the world space agencies (CEOS), ICSU World data centers, global observing systems, etc., and they will submit this information to Hans-Peter Plag for the preparation of a summary report. Responsible: ALL, Deadline: 2009-10-31.

Pending

Action Item ST2-KO-4: Hans-Peter Plag and Douglas Cripe will ensure that there is coordination of the Task Activity 2.2 and relevant tasks in the GEO Work Plan, in particular, DA-09-01a (PoC: Pascal Lecomte). Responsible: Hans-Peter Plag, Douglas Cripe, Deadline: 2009-11-30.

Pending

Activity 2

Activity 2: Encourage scientists and technical experts to contribute to GEOSS (continued)

2.3 Increase relevance and benefits of GEOSS registries (GCI) for scientific communities through enhanced registration of relevant scientific data sets.

Action Item ST2-KO-5: Hans-Peter Plag and Douglas Cripe will explore potential synergies between Activity 2.3 of ST-09-02 and the GEO Work Plan task DA-09-02a "Data Integration and Analysis Systems" by contacting the PoC Ryosuke Shibasaki, shiba@csis.u-tokyo.ac.jp. Responsible: Hans-Peter Plag, Douglas Cripe, Deadline: 2009-10-31.

Pending

Activity 3

Activity 3: Outreach to diverse scientific and technological communities in order to make GEOSS more visible and attractive

3.1 Production of promotion material, including but not limited to scientific publications on GEOSS products and services

Pending.

3.2 Support outreach of GEO Principals, Committee members and other delegates to S and T communities by the provision of a slide library (ppt)

Action Item ST2-KO-6: Douglas Cripe will work with the GEO Secretariat to get a web-based slide library with high-level slides about GEO and GEOSS started for free down-load by those who would like to compile a presentation including information about GEO or GEOSS. Responsible: Douglas Cripe, Deadline: 2009-10-31.

Director of the GEO Secretariat rejected the idea:

- * The Secretariat wants to keep some control over what is being presented under the GEO logo;
- * GEO presentations are constantly being updated by each member of the Secretariat staff; keeping a large numbers of slides up-to-date would be too much work.

GEO Secretariat Director instructed staff to provide assistance on an individual, case-by-case basis.

The Task Team will discuss whether the slide library should and can be set up without the support from the GEO Secretariat.

Activity 3

Activity 3: Outreach to diverse scientific and technological communities in order to make GEOSS more visible and attractive (cont)

Activity 3.3: Compile a set of compelling examples showing how GEOSS serves S and T communities in their work.

Action Item ST2-KO-7 to Action Item ST2-KO-16: ... will identify one or two compelling examples in the ... SBA that would show how GEOSS works and supports or benefits from science and technology communities, and he will report these examples to Hans-Peter Plag using the agreed upon template. Responsible: ..., Deadline: 2009-08-31.

Action Item ST2-KO-17: Hans-Peter Plag will compile all examples showing how GEOSS works and distribute these to the Task Team for a brief iteration and comments, and he will submit these examples afterwards for a review by the STC during the STC meeting in Melbourne. Responsible: Hans-Peter Plag, Deadline: 2009-09-07.

Up to now, four examples:

Water SBA, Russel Lefevre: Pilot Projects for Improved Water Discovery and Quality Assessments

Climate SBA, Jun She: Capacity building of operational oceanography and climate adaptation

Ecopsystems: Vojko Bratina: enviroGRIDS Building Capacity for a Black Sea Catchment Observation and Assessment System supporting Sustainable Development

Biodiversity, Bob Scholes: Protected Areas Monitoring Pilot

Activity 4

Activity 4: Specific efforts to contact universities and research laboratories with the goal to involve them in GEOSS activities.

Activity 4.1: Outreach to major university cooperation programs and research network.

Action Item ST2-KO-19: Douglas Cripe will discuss with the Director of the GEO Secretariat to possibility to have the Director give a presentation at the 2009 Conference of the International Association of Universities (IAU). Responsible: Douglas Cripe, Deadline: 2009-08-30.

Status?

Workshop “Towards a roadmap for future satellite gravity mission”: Introduced GRACE science team and researchers to GEO.

Activity 4

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Activity 4.1: Outreach to major university cooperation programs and research network.

Action Item ST2-KO-19: Douglas Cripe will discuss with the Director of the GEO Secretariat to possibility to have the Director give a presentation at the 2009 Conference of the International Association of Universities (IAU). Responsible: Douglas Cripe, Deadline: 2009-08-30.

Status?

Example for linking to multi-laboratory programs:

Workshop “Towards a roadmap for future satellite gravity mission,” Graz, Austria, September 30 – October 2, 2009: Introduced GRACE science team and researchers to GEO. Workshop outputs includes:

- a roadmap
- a declaration for the GEO Plenary
- one-page stories reporting GRACE achievements relevant to GEO

Workshop output was also presented at the GRACE Science Team Meeting, Austin, TX, November 5-6, 2009: generated interest in GEO and GEOSS.

Activity 4

7 Review of Activity 4: Specific efforts to contact universities and research laboratories with the goal to involve them in GEOSS activities.

Activity 4.2: Proactive collaboration between GEO Tasks and S and T activities at universities and labs.

Pending.

Activity 4.3: Transition from research to operational.

Action Item ST2-KO-20: Steffen Fritz and Stuart Marsh will develop proposals for an approach to identify candidates for activities that should be transitioned from a research stage to a more operational stage and provide these proposals to the task team. Responsible: Steffen Fritz, Stuart Marsh, Deadline: 2009-09-30.

In progress.

Anticipated: a proposal for the transition of ARGO from “research” to a “sustained operation” (Josh Willis et al.); likely to be available for the next STC meeting.

Activity 5

Activity 5: Presence of GEO at major symposiums and other meetings on different levels.

Activity 5.1: Plenary presentations on GEO and GEOSS in relevant sessions at major science events

A number of presentations have been given.

List of presentations will soon be made available.

Activity 5.2: Organize specific session on GEOSS-related topics at major scientific meetings.

Union session at Fall AGU 2009 (18 submitted abstracts, some good examples of how GEOSS works; however, most known GEO activists).

EGU Session 2010 with focus on Water SBA accepted.

A proposal should be prepared for AOGS, India (deadline November 15, 2009)

Activity 5.3: Side events at major scientific meetings.

Pending

Activity 5

Activity 5: Presence of GEO at major symposiums and other meetings on different levels (cont).

Activity 5.4: Prospectus for a series of SBA-specific major conferences to be convened before 2015.

Action Item ST2-KO-21: Stuart Marsh will ensure that the question of a series of GEO/STC conferences focused on scientific issues is considered at the GEO/IGOS-P Symposium in November as a possible way of progressing the IGOS-P approach in the frame of GEO. Responsible: Stuart Marsh, Deadline: 2009-11-30.

Will be discussed at IGOS/GEO Meeting

Membership and Resources

Membership: Unchanged

Resources: No dedicated resources

Hopefully: some resources through FP7