

ST-09-02

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

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- Report on the Kick-Off Meeting, Frascati, July 27-28 2009
- Membership and Resources
- Issues Requiring STC Actions

KOM Participation

18 Participants, 12 “official” Task Team Members:

- * David Halpern, NASA Headquarters (Contributor, USA)
- * Stuart Marsh, British Geological Survey (Contributor, U.K.)
- * Susanna Zerbinì, University of Bologna (Contributor, Italy)
- * Steffen Fritz, IIASA (Contributor, IIASA)
- * Gisbert Glaser, ICSU, Paris, France (Contributor, ICSU)
- * Jerome Bequignon, ESA (Contributor)
- Marcel Watelet, INFISO/Unit6, EUFO – Luxembourg (Guest)
- Simonetta Cheli, ESA (Guest)
- Cecile Desnos, ESA (Guest)
- * Christoph Waldmann, University of Bremen (Contributor, MARUM)
- Douglas Cripe, GEO Secretariat (Contributor)
- * Vojko Bratina, EC (Contributor, EU)
- Michael Rast, ESA (Guest)
- * Sylvain Joffre, COST (Contributor, COST)
- Bruno Greco, ESA (Contributor, ESA)
- * Erik Buch, Danish Meteorological Institute (Contributor)
- * Russell Lefevre, University of North Dakota (Contributor, IEEE Committee on Earth Observations)
- * Hans-Peter Plag, NBMG (Vice-chair, GGOS Steering Committee)

Agenda

- 1 Welcome and Discussion of Agenda
- 2 Report on Activities of Participants
- 3 Review of the Task Sheet
- 4 Review of Activity 1: Links with major scientific research enterprises
- 5 Review of Activity 2: Encourage scientists and technical experts to contribute to GEOSS
- 6 Review of Activity 3: Outreach to diverse scientific and technological communities in order to make GEOSS more visible and attractive
- 7 Review of Activity 4: Specific efforts to contact universities and research laboratories with the goal to involve them in GEOSS activities.
- 8 Review of Activity 5: Presence of GEO at major symposiums and other meetings on different levels.
- 9 Review of the science contents of the GEO Work Plan.
- 10 Input to the ST-09-01 Task Team meeting
- 11 Any other business
- 12 Date and time of next Task Meeting
- 13 Summary of Action Items

Meeting Outcome

2 Report on Activities of Participants

EC: Seventh Framework Program includes tasks specifically related to GEO task and activities

Questions: Will the STC be involved in reviewing proposals? How are the groups who are awarded grants linked to the GEO task teams?

IAG/GGOS: makes an effort to link S&T community to GEO in CoPs, Task Teams, and Committees

IEEE promotes GEOSS through symposiums, workshops, and side events

IEEE promotes GEOSS also through the SaveEarthGame; phase 1 brought more than 30 concept proposals

3 Review of the Task Sheet

- Resulted in considerable discussions,
- Some of those not present at the Task meeting in February were very critical,
- close to a rewrite of the list of activities,
- postponed the review

Meeting Outcome

enterprises

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

Controversial discussion, what is the goal? More POs?

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.

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

Not further discussed because of unclear status of POs.

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

Not discussed in detail since it depends on 4.1 and 4.2.

Meeting Outcome

5 Review of Activity 2: Encourage scientists and technical experts to contribute to GEOSS

2. Getting GEOSS acknowledged among scientists; a GEOSS citation standard

Considerable and controversial discussion. Would it really motivate more contributions?

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.

Meeting Outcome

5 Review of 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.

Controversial discussion; "GEO Label" wrong term; "compliance check" might be better; link to DA-09-01: GEOSS Quality Assurance Strategy established (task lead gave presentation on QA4EO).

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.

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.

Meeting Outcome

5 Review of 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.

Set up inventory of data sets relevant but not available for each SBA; prioritize those that come up several times. Overlap with DA-09-02a: “Data Integration and Analysis Systems?”

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.

Meeting Outcome

6 Review of 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

Was not discussed.

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)

Some discussion on access to library; should be free. Could also include videos, such as those produced by IEEE.

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.

Meeting Outcome

6 Review of 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.

Very important activity, should have priority. Feed into Ministerial Summit, one example per SBA.

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.

After the KOM: Two example submitted:

Water SBA: Pilot Projects for Improved Water Discovery and Quality Assessments

Climate SBA: Capacity building of operational oceanography and climate adaptation

One additional example: The ASTER Global Topographic Data Set

AFU Fall Session has some potential examples

Meeting Outcome

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

Activity 3.4: Showing "GEOSS at Work" through games using GEOSS products.

Led by IEEE, currently with the "Save Earth Game Price"; two-phase approach, with 1st phase finished. Considerable criticism that this activity was in the task; should be in UIC. No consensus was reached. Technical experts needed in each of the nine SBAs; role of experts not clear.

Action Item ST2-KO-18: Douglas Cripe and Hans-Peter Plag will contact Jay Pearlman to clarify the request for experts in support of the SaveEarthGame and the process of how these experts are expected to be found. Responsible: Hans-Peter Plag, Douglas Cripe, Deadline: 2009-09-07.

After the KOM: Jay Pearlman: Initially four experts: geology, atmosphere, land cover, ocean; should be willing to answer question from game developers.

Can the STC help?

7 Review of 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. Could this be done by the POs? European Commission could be asked for a list. International Association of Universities (IAU) has annual conferences.

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.

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

Was not discussed.

Activity 4.3: Transition from research to operational.

ARGO is an example of a research instrument that is funded by research agencies; could be recommended by the STC to the GEO Plenary for a transition to operational. How to approach identification of candidate systems?

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.

Meeting Outcome

8 Review of 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

IEEE reported on past and planned activities at several conference; other gave talks. Should plenary talks be coordinated with STC Co-Chairs? Not necessary, but talks should be reported and collected.

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

Important as an offer for scientists to show their results related to GEOSS. Union session at Fall AGU 2009 (18 submitted abstracts, some good examples of how GEOSS works; however, most known GEO activists). New: EGU Session 2010 with focus on Water SBA proposed.

Activity 5.3: Side events at major scientific meetings.

Examples are the US-GEO had organized Townhall meetings at AGU Fall meetings. Similar events in other regions, but GEO should not become a “traveling road show.” Should be coordinated with CBC.

Meeting Outcome

8 Review of 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.

Controversial discussion whether this is needed, makes sense. “Prospectus” may be the wrong word. More towards not needed.

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.

Meeting Outcome

9 Review of the science contents of the GEO Work Plan.

Task teams should be involved in designing the process.

Action Item ST2-KO-22: Douglas Cripe will send the draft ToR for the Science review of the GEO Work Plan to the Task team members for comments. Responsible: Hans-Peter Plag, Douglas Cripe, Deadline: 2009-08-29.

10 Input to the ST-09-01 Task Team meeting

Douglas Cripe made a presentation, available at the ST-09-01 web page.

12 Date and time of next Task Meeting

Majority wants to work by e-mail. IGARS meeting on July 25-30, 2010 in Hawaii. No decision made on future meetings.

Personal note: Meetings, even partial meetings of Task Team are important to keep activities alive; e-mail not sufficient.

Summary of Open Issues

What is the goal of outreach to scientific organizations (activity 1)?
More POs? What is the status of Pos?

GEO Label (activity 2.2): Reduction/change to “compliance check”?

Compelling examples of how GEOSS works for S&T (activity 3.3):
Best/good way of identifying them?

Emphasis on the role/benefit of S&T at the Ministerial Summit?

“Save-Earth-Game” (activity 3.4): can we help with experts?

Transition from research to operational (activity 4.3): do we need an inventory or should we approach case by case (starting with Argo)?

Series of SBA-specific major conferences (activity 5.4): do we need this?

Are annual meetings and e-mails in between good enough?

Membership and Resources

Applications Places System Mon Sep 14, 1:36 PM

Web Works Space for GEO Work Plan Tasks - SeaMonkey



GEO Work Plan Tasks

[About these pages ...](#)

GEO
Overview
DA-09-02c
ST-09-01
ST-09-02
Slide Library

	Type	Member of PO	Representing	Contact Name	Email Address
Motivation					
Outputs	Lead	COSPAR	.	Jean-Louis Fellous	jean-louis.fellous@cosparhq.cnes.fr
Planned Activities	Lead	COSPAR	JRC	Nadine Gobron	nadine.gobron@jrc.it
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Membership and Resources

Resources: No dedicated resources

Hopefully: some resources through FP7 (activity 2.2)

Issues Requiring STC Actions

How to handle the “compelling examples”? Time schedule?

ST-09-02 asks the STC to find ways to emphasize the role of S&T in GEO and GEOSS at the Ministerial Summit.

Is there too much overlap between ST-09-01 and ST-09-02?