

# ST-09-02: Promoting Awareness and Benefits of GEO in the Science and Technology Community: Progress, Status, Issues

Task Leads:

IEEE<sup>1)</sup>, EC<sup>2)</sup>

1) Hans-Peter Plag (Point of Contact)  
University of Nevada, Reno, Nevada, USA;

2) Ian McCallum  
IIASA, Austria

# ST-09-02: Promoting Awareness and Benefits of GEO in the Science and Technology Community: Progress, Status, Issues

- Introduction
- Changes in Task Leads
- Activities (progress since STC-14, status, issues)
- Focus on
  - GEOSS Citation Standard
  - Compelling Examples
  - Outreach at Meetings
  - GEO Label (Sidetrack: URR)
- Other Matters

Full documentation of Task Activities and Outputs at  
<http://www.geo-tasks.org/st0902>

# ST-09-02: Task Definition

ST-09-02: Promoting Awareness and Benefits of GEO in the Science and Technology Community

This Task is led by COSPAR and IEEE (hpplag@unr.edu)

**Promote awareness and benefits of GEOSS** in the scientific and technological communities **in order to engage the research community** in GEO and GEOSS with the **goal to achieve breakthroughs** in the understanding of the Earth's changing environment and global integrated Earth system. The **scientific community** should collaborate within GEO to **address interactions** between the components of the global integrated Earth system, and **connect natural and socioeconomic sciences**.

# ST-09-02: Overview

## **Approach:**

- Implement selected activities of the STC Roadmap
- Carry out additional activities as appropriate

## **Five main Activities (each with several sub-activities):**

Activity 1: Links with major scientific research enterprises

*(inventory; prioritization; integration)*

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

*(Roadmap 2a: citation standard; Roadmap 2b: "GEO label";  
Roadmap 2e: registration of scientific data sets)*

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

*(promotion material; outreach of GEO principals; Roadmap 2d: Showing GEOSS at work - compelling examples)*

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

*(major university cooperation programs and research network; collaboration with GEO tasks; transition from research to operational)*

Activity 5: Presence of GEO at major symposiums and other meetings on different levels. *(presentations at major conferences; specific sessions on GEOSS; side events; series of GEO - SBA-specific - conferences)*

# ST-09-02: Web Page

Aggregated report: GEO Work Plan Web Site, updated ~three times a year

The screenshot shows a Mozilla Firefox browser window with the address bar displaying <http://www.geo-tasks.org/st0902/>. The page header includes the GEO logo (GROUP ON EARTH OBSERVATIONS) and the text "Work Space". A navigation menu contains links for "ST-09-02", "Disaster SDA", "EGIDA", "MS Showcases", "Slide Library", "S&T Meetings", "Workshops", "GEOSS Portfolio", and "URR Tutorials".

The main content area is titled "GEO Task ST-09-02: Promoting Awareness and Benefits of GEO". To the right of this title is a link for an "Extended Task Sheet: Task Definition and Task Leads".

On the left side, there is a sidebar menu with the following items: "GEO 2009-2011 Work Plan Site", "Meetings", "Action Item List", "Reports to STC", "Extended Task Sheet:" (with sub-links for "Task definition", "Motivation", "Status Output", "Status Activities", "Status Resources", "Planned Outputs", "Planned Activities", "Planned Resources", "Architecture", "User Engagement", "Science and Technology needs", "Capacity Building", and "Participation"), and "Individual contributions:".

The main content area includes the following details:

<b>Task Number:</b>	ST-09-02
<b>Task Title:</b>	Promoting Awareness and Benefits of GEO in the Science and Technology Community
<b>Area:</b>	Science and Technology
<b>Relevant Committee:</b>	STC
<b>Related Targets:</b>	<a href="#">Strategic Target 4.</a>

**Task Definition:**

Promoting awareness and benefits of GEOSS in the scientific and technological communities in order to engage the research community in GEO and GEOSS with the goal to achieve breakthroughs in the understanding of the Earth's changing environment and global integrated Earth system. The scientific community should collaborate within GEO to address interactions between the components of the global integrated Earth system, and connect natural and socioeconomic sciences.

Activities will include: Forming links with major scientific research enterprises in each societal benefit area. Actively encourage relevant scientists and technical experts to contribute to GEOSS in a truly participatory way. Reach out to the world's diverse scientific and technological communities and make GEOSS more visible and attractive to them. Contact universities and laboratories to involve them in GEOSS activities. Organize a GEO presence at major symposia and other meetings, for example through plenary presentations or side events.

**Leads:**

IEEE, Point of Contact: [Hans-Peter Plag](#),  
E-mail: [hp.plag@ieee.org](mailto:hp.plag@ieee.org)

The status bar at the bottom of the browser window shows "Done".

# ST-09-02: Web Page

Aggregated report: GEO Work Plan Web Site, updated ~three times a year

**GEO 2009-2011 Work Plan Site**

- Meetings
- Action Item List
- Reports to STC

**Extended Task Sheet:**

- Task definition
- Motivation
- Status Output
- Status Activities
- Status Resources
- Planned Outputs
- Planned Activities
- Planned Resources
- Architecture
- User Engagement
- Science and Technology needs
- Capacity Building
- Participation

**Individual contributions:**

**GEO Task ST-09-02: Promoting Awareness and Benefits of GEO**

*Extended Task Sheet: Status of Activities*

**Ongoing and completed Activities**

A Task Team Kick-off meeting was held on July 27-28, 2009 at the ESA Facility ESRIN in Frascati, Italy. During this meeting, participants reported on their contributions to the Task activities, and all planned activities of the Task were reviewed and as far as possible initiated. The minutes of the Kick-off meeting are available at the "Meeting" page.

Since the Kick-off meeting, the task has followed up a number of the task activities, while some other were stalled for several reasons. The table below summarize the status and gives access to more detail reports were available.

The second meeting of the Task Team was held on September 30, 2010 in conjunction of the EGIDA Kick-Off meeting and the 15-th STC meeting in Rome. More information is available at the [Meeting Page](#).

At the second meeting, it was decided that the Task Team will hold monthly telecons, with each of these telecons focusing on one or to selected activities. The first telecon took place on November 22, 2010. For further information on these monthly telecons, see the [Meeting Page](#).

The Task Team maintains an updated [list of the Action Items](#).

Description	By Date
<b>Activity 1 (Foster links with major scientific research enterprises in each SBA - contribution to Road Map Activity 2c "Build awareness of GEO and GEOSS in the different S&amp;T communities, within the scope of GEOSS development.")</b>	On-going
<b>Sub-Activity 1.1 (High-level list of major scientific research enterprises necessary for GEOSS):</b> ICSU is compiling a list of high-level scientific enterprises focusing first on international programs and organizations. An initial list is available <a href="#">hcr</a> .	In progress

# ST-09-02: Web Page

Aggregated report: GEO Work Plan Web Site, updated ~three times a year

Web Works Space for GEO Work Plan Tasks - SeaMonkey

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**GEO GROUP ON EARTH OBSERVATIONS** Work Area for GEO Work Plan Tasks, CoPs, Committees, ... About these pages ...

Overview ST-09-01 **ST-09-02** US-09-01b STC Showcases UIC Showcases ADC Showcases Slide Library Disaster SBA S&T Meetings

GEO 2009-2011 Work Plan Site

Meetings  
Action Item List  
Reports to STC

**Extended Task Sheet:**

Task definition  
Motivation  
Status Output  
Status Activities  
Status Resources  
Planned Outputs  
Planned Activities  
Planned Resources  
Architecture  
User Engagement  
Science and Technology needs  
Capacity Building  
Participation

**GEO Task ST-09-02: Promoting Awareness and Benefits of GEO**

**Extended Task Sheet: Status of Activities**

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The Task Team maintains an updated [list of the Action Items](#).

Description	By Date
<b>Activity 1 (Foster links with major scientific research enterprises in each SBA)</b>	On-going
<b>Sub-Activity 1.1 (High-level list of major scientific research enterprises necessary for GEOSS):</b> ICSU is compiling a list of high-level scientific enterprises focusing first on international programs and organizations. An initial list is available <a href="#">here</a> .	In progress
<b>Sub-Activity 1.2 (Key organizations currently not linked to GEO):</b> This activity depends mainly on the output of Sub-Activity 1.1. The question was raised of what status relevant organizations should have in GEO. The document " <a href="#">Role of Participating Organizations</a> ," which was accepted by the GEO-VI Plenary, provides valuable input for answering this question. Basically, the document encourages	Pending

Done

# ST-09-02: Progress Since STC-15

## Activity 1: Links with major scientific research enterprises

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

- *Stalled*

- *EGIDA has started an initial list, but might be focused too much on EGIDA's own needs*

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

- *pending*

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

- *pending*

## ST-09-02 plans to:

- *Reconsider approach (not first inventory, then action);*

- *Populate matrix of SBA and Sub-areas to identify gaps;*

- *Target gaps;*

STC: No action required.

# ST-09-02: Progress Since STC-15

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

2.1 Roadmap Activity 2a; a GEOSS citation standard:

- *Draft GEOSS Citation Standard V1.0 has been made available to the STC as part of the pre-meeting documents;*
- *based in IPY and ESIP data citation rules;*
- *a first step only;*
- *next version of the standard will have to address data attribution, object identification, quality information, traceability, and repeatability issues*
- *a task in the EGIDA Work Plan (Task 3.1; lead: Bente Lilja-Bye)*
- *participation of ESIP and other organizations solicited*

STC: Proposed action: STC takes responsibility for Standard V1.0 and walks it through GEO.

# ST-09-02: Progress Since STC-15

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

2.2 Roadmap Activity 2b; establishing a “GEO label”:

- *Wide variety of ideas what a label could be/should be, and what a label could mean*
- *Input from STC Co-chairs (March 2010) only one way of looking at a labeling;*
- *Coordination is an issue:*
  - *Two EC project are addressing labeling: EGIDA, GEOVIQUA;*
  - *Many activities address relevant data quality questions;*
  - *ST-09-02 aims to coordinate.*
- *Current ST-09-02 work: comprehensive review of labeling based on existing labels discussing the pros, cons, successes and failures:*
  - *Clarification of terminology.*
  - *Informative label or certifying label?*
  - *Organizational: self-labeling or external labeling?*
  - *External labeling by accredited units?*
  - *Combination of objective and subjective components?*

STC: Feedback on time schedule - relevant for EGIDA and GEOVIQUA

# ST-09-02: Progress Since STC-15

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

2.3 Roadmap Activity 2e: Enhancing registration of relevant scientific data sets.

- *stalled, although a list of data sets has been started;*
- *coordination with EGIDA required;*
- *we have to agree on the methodology (gap analysis versus ad hoc identification of relevant scientific data sets*
- *support owners with registration (holding hands, tutorials, ...)*
- *make incentives visible (What do I get in return if I register?)*

STC: No action required.

# ST-09-02: Progress Since STC-15

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

3.1 Propose, stimulate, foster and monitor the production of promotion material

- *Stalled;*
- *Can EGIDA help?*

3.2 Support outreach of GEO Principals, Committee members and other delegates

- *Mostly stalled;*
- *Some collection of presentations is happening;*
- *Slide library should be re-considered: Australia raised the issue in a recent EXCOM meeting.*
- *Can EGIDIA help?*
- *Should there be a GEOSS Users' Guide for Science and Technology?*

STC: No action required.

# ST-09-02: Progress Since STC-15

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

3.3 Roadmap Activity 2d; showing GEOSS at work: compelling examples:

- *GEOSS Portfolio for Science and Technology published;*
- *Was introduced in a GEO Newsletter;*
- *Currently eight examples published, one proposal in review.*
- *Effort is being made to get more proposals.*

STC: No action required.

# ST-09-02: Progress Since STC-15

GEOSS Portfolio for S+T - Mozilla Firefox

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GEOSS Portfolio for ... GEO - Group on Earth...

 **GEOSS At Work for Science & Technology** [home](#) [GEO Home](#)

[GEOSS and S&T](#) [Disasters](#) [Climate](#) [Weather](#) [Water](#) [Health](#) [Agriculture](#) [Biodiversity](#) [Ecosystems](#) [Energy](#) [Cross-Cutting](#)

## News

**April 1, 2011:** New example in Agriculture SBA added to the portfolio: The new example illustrates the "geo-wiki.org - Crowdsourcing to improve Landcover Validation" activity. [Read more ...](#)

**January 21, 2011:** The GEOSS Portfolio for Science and Technology was announced to the GEO community in the GEO Newsletter published on January 20, 2011. [Read the article ...](#)

**November 6, 2010:** The GEOSS Portfolio for Science and Technology was featured at the booth of the Science and Technology Committee at the Exhibition at the GFO Plenary Meeting and Ministerial Summit in Beijing, China, November 3-5, 2010. [See a picture](#) Download the complete portfolio handout distributed in Beijing as [pdf](#)

## The GEOSS Portfolio for Science and Technology

The GEOSS Portfolio for Science and Technology features examples of GEO activities, projects, and Work Plan Tasks that demonstrate the benefits of GEOSS for science and technology (S&T) communities. GEOSS provides access to many services, data sets and products of value for scientists, researchers and developers. In many cases, new research is enabled and would not be possible without access to the Earth observation products accessible through the GEO portal. This portfolio shows how the products accessible through the GEOSS Common Infrastructure (GCI) works for S&T communities.

GEOSS has a reciprocal relationship with the S&T communities. GEOSS needs input from them, and they can benefit from GEOSS. GEOSS depends on input from science and S&T in order to evolve in response to rapidly expanding user needs. GEOSS is a unique source of Earth observation data and related products essential for research in all nine of the Societal Benefit Areas (SBAs) of Earth observations. The technological challenges posed by the implementation of GEOSS stimulates technology development in many technology communities. The GEOSS Portfolio aims to demonstrate this bidirectional relationship between GEOSS and S&T communities.

Representative examples for the portfolio have been identified in cooperation with GFO Tasks. Proposals for examples have been reviewed based on a pre-defined review form and a quantitative rating system. The examples selected for inclusion in the portfolio demonstrate a wide range of benefits of GEOSS for science and technology communities, including tools for discovery of data and products, improved accessibility, new data sets and services, and a better link to end users.

*Submissions of proposals for additional examples to complement those currently in the portfolio are being sought. Proposals for new examples will be reviewed by the ST-09-02 Task team on a continuous basis. Proposals should be prepared using the [template](#). Proposers should consider the [review criteria](#) used by the ST-09-02 team. Successful proposers will be invited to submit as a first contribution a two-page story following the [guidelines](#).*

The following examples are currently in the GEOSS Portfolio for Science and Technology:

- Disaster:** no example available yet.
- Climate:** Capacity building of operational oceanography and climate adaptation. [Read more ...](#) Download slideshow as [ppt](#) or [pdf](#).
- Climate:** Year of Tropical Convection (YOTC). [Read more ...](#)
- Weather:** no example available yet.
- Water:** Pilot Projects for Improved Water Discovery and Quality Assessments. [Read more ...](#) Download slideshow as [ppt](#) or [pdf](#).
- Health:** Using Earth Observations to Benefit Health. No introduction available yet.
- Agriculture:** The Harmonized World Soil Database (HWSD) as a first step towards a Global Soil Information System. [Read more ...](#) Download slideshow as [ppt](#) or [pdf](#).
- Agriculture:** Geo-wiki.org - Crowdsourcing to improve Landcover Validation: [Read more ...](#) Download slideshow as [ppt](#).
- Biodiversity:** Protected Areas Monitoring Pilot. [Read more ...](#) Download slideshow as [ppt](#) or [pdf](#).
- Ecosystems:** enviroGRIDS Building Capacity for a Black Sea Catchment Observation and Assessment System supporting Sustainable Development. [Read more ...](#) Download slideshow as [ppt](#) or [pdf](#).
- Energy:** no example available yet.
- Cross-Cutting:** European Observatory Network. [Read more ...](#)

A slideshow introducing the GEOSS Portfolio for Science and Technology is available for download as [ppt](#) or [pdf](#).

Last edited 13 April 2011

Done

# ST-09-02: Progress Since STC-15

GEO - Group on Earth Observations | GEO News issue #12 - article - Mozilla Firefox

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GEO - Group on Earth Observations

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## IMPLEMENTING GEOSS [Back to GEO News issue #12](#)

### Announcing the GEOSS Portfolio for Science and Technology

By Hans-Peter Plag, University of Nevada, and Greg Ondich, The Scientific Consulting Group, Gaithersburg, MD, USA

A portfolio with attractive examples of how GEOSS can work for science and technology (S&T) communities has now been published as a [web site](#). This portfolio results from an activity promoted by the Road Map of the GEO [Science and Technology Committee](#) (STC), which has the goal of stimulating the broader involvement of science and technology communities in GEOSS, both as users and as contributors.

GEOSS has a reciprocal relation with S&T communities. This means that GEOSS depends on input from S&T communities and can not evolve to meet rapidly expanding user needs without this input. At the same time, GEOSS is a unique source of Earth observation data and related products essential for research in all nine of the Societal Benefit Areas (SBAs). The technological challenges posed by the implementation of GEOSS also stimulate technology development in many technology communities. GEOSS therefore nurtures cooperative, mutually beneficial relationships with many S&T communities both by promoting the use of GEOSS in these communities and by encouraging contributions from these communities to GEOSS.

The GEOSS Portfolio for Science and Technology compiled by GEO [Task ST-09-02](#) will be used for outreach to S&T communities. Attractive examples for the portfolio were identified in cooperation with other GEO Work Plan Tasks. Based on a careful search through available GEO reports and documentations, over 30 invitations for submitting proposals were extended. The proposals received were reviewed by the ST-09-02 Task team, and eight were selected for inclusion in the portfolio.



In general, the portfolio examples demonstrate the benefits of GEOSS for S&T communities. GEOSS provides access to many services, data sets and products of value for scientists, researchers and developers. In many cases, new research has been enabled that would not be possible without access to the Earth observation products accessible through the GEO portal. The examples demonstrate how the products accessible through the GEOSS Common Infrastructure (GCI) work for S&T communities, and they illustrate the broad range of benefits S&T communities might obtain by relating to GEOSS, be it as credited and valued contributors, users that benefit from the Data Sharing Principles, or individuals and groups benefiting from stronger links to end users.

At the core of the publication concept for the GEOSS Portfolio for S&T is a [web site](#) giving access to the portfolio, which is expected to expand and evolve together with GEOSS. The portfolio home page provides information on the background and goals of the portfolio, and a separate page describes in more detail the relevance of a well-developed relation between GEOSS and S&T communities. An overview is given on the available examples for each SBA and cross-cutting theme, and links are provided to the external pages maintained by the teams behind each example. Once this living portfolio has reached a broad and representative coverage of all the SBAs and of GEOSS, it will be complemented with a snapshot in the form of a book. Videos and slide shows for selected individual examples are also available through the web site.

The GEOSS portfolio is open for additional examples that complement the currently available examples. The goal is to have at least two examples for each SBA. Proposals for new examples are invited and will be reviewed by the ST-09-02 Task team on a continuous basis. A template for the submission of proposals and contact information is available on the [portfolio web site](#).

[Back to GEO News issue #12](#)

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# ST-09-02: Progress Since STC-15

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GEOSS Portfolio for ... GEO - Group on Earth Observations

**GEOSS At Work for Science & Technology**

home GEO Home

GEOSS and S&T Disasters Climate Weather Water Health Agriculture Biodiversity Ecosystems Energy Cross-Cutting

### Agriculture: Supporting sustainable agriculture and combating desertification

Geo-wiki.org - Crowdsourcing to improve Landcover Validation

**Improving the quality of spatial Information:** With an ever increasing dependence on spatial information, and an increasing importance placed on results derived from that information, it becomes crucial to better harmonize and understand the quality of this expanding volume of data. New opportunities exist to collect additional spatial information via the internet that were non-existent until just a few years ago. Additionally, many international, intergovernmental protocols and conventions rely on this information (e.g. the Kyoto Protocol, the Convention on Biological Diversity, the Convention to Combat Desertification; and others). However, much of the spatial data used to support these important initiatives is conflicting or contains limited validation. New efforts are thus required to improve the quality of spatial information.

**What we do:** Currently in [geo-wiki.org](http://geo-wiki.org), volunteers have the ability to view both cropland and forest Disagreement Maps that were derived from three recent global land cover datasets: [GLC-2000](#), [MODIS](#) and [GlobCover](#). Disagreement Maps guide the volunteers to areas of the globe with the highest levels of disagreement – prioritizing the disagreement hotspots in a global cropland/forest Disagreement Map (Fig. 1). With the help of Google Earth, the next step is to select and visualize available high resolution images as well as to upload or view geo-tagged field pictures (e.g., from [Panoramio.com](#), [Confluence.org](#), or from research projects such as the Global Monitoring for Food Security Project ([GMFS](#))), and determine which land cover type is found on the ground (Fig. 2). Volunteers are then asked to decide if the land cover products correctly capture what they see or know to exist on the ground. In addition, it is possible to recommend a new land cover class (i.e. select from a list of possible land cover types, and upload available photos to support the decision). All information entered by volunteers is recorded in a publically available spatial database. This validation database contains a record of the agreement among the datasets, and can be used in the future to create an improved hybrid dataset.

**Who we are:**

1. ESM Program, [International Institute for Applied Systems Analysis](#), Austria
2. Felis, [University of Freiburg](#), Germany
3. [University of Applied Sciences for Business and Engineering Ltd.](#), Wiener Neustadt, Austria.

**Benefits for S&T communities:** The Geo-wiki provides direct benefit to the S&T community via:

- Independent verification of GEOSS datasets via RS experts and trained people, contributing to the geo-label (quality assessment of one Essential Climate Variable, landcover)
- Open access to all results – both visual and resultant databases

Figure 1. Results of global land cover disagreement in both cropland and forest areas, based on an analysis of three existing land cover products: [GLC-2000](#), [MODIS](#) and [GlobCover](#).

# ST-09-02: Progress Since STC-15

Activity 4: Contact universities and research laboratories

## 4.1 Disseminate information about GEOSS

- *An important organization is the International Association of Universities (IAU);*
- *Pending: A letter from the GEO Secretariat to IAU to open a dialog.*

## 4.2 Establish proactive collaboration between S&T activities at universities and labs

- *Stalled, no inventory;*
- *Reconsider approach; maybe use SBA matrix to identify gaps/opportunities*

## 4.3 If activities are found to be of appropriate scope and level, promote a transition from research to operational

- *Process for identification and review of examples need to be developed*
- *Process of promotion within GEO need to be developed*
- *Ad hoc identification of first test case: ARGO proposal*
- *Coordination with EGDIA might be required.*

STC: Proposed action: consider a process to handle proposals for candidates; otherwise, this activity should be eliminated.

# ST-09-02: Progress Since STC-15

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

5.1 Identify major scientific conference and facilitate plenary presentations on GEO and GEOSS

- *List of scientific conferences has been started at [geo-tasks.org](http://geo-tasks.org) as a tool for coordination (needs continuous updates);*
- *Very positive feedback on this list/coordination platform;*
- *Request for interactive tool has been voiced.*
- *Request to STC members to submit information on conferences to ST-09-02 was not successful;*
- *Updates are based on searches and accidental input;*
- *Current list biased towards some SBAs*
- *Broader effort needed with more resources; EGIDA?*

STC: No action required (unless somebody has limited funds to develop some infrastructure).

# ST-09-02: Progress Since STC-15

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Web Works Space for... GEO - Group on Earth Observations

**GEO GROUP ON EARTH OBSERVATIONS** Work Space

home  
GEO Home  
About these pages...

ST-09-02 Disaster SBA EGIDA MS Showcases Slide Library S&T Meetings Workshops GEOSS Portfolio URR Tutorials

**Overall Meeting Plans:**

Future S&T Meetings  
Past S&T Meetings  
Other meeting lists

**STC-Related Meetings:**

GEO Committee meetings  
STC meetings  
ST-09-02 Meetings

**Science and Technology Meetings** *Future Meetings*

Date	Contacts	Type	Meeting description	Venue, Co-locations, other information	GEO/GEOSS Activities
16-19 September 2014	<a href="#">Announcement</a>	CO	<b>Title:</b> 18th World Congress of CIGR <b>Duration:</b> Four days. <b>Objectives:</b> see <a href="#">announcement</a> . <b>Organizer:</b> CIGR. <b>Participants:</b> All interested scientists	Beijing, China	
05-10 August 2012	<a href="#">Web Page</a>	CO	<b>Title:</b> 34 <sup>th</sup> International Geological Congress <b>Duration:</b> Six days. <b>Objectives:</b> see <a href="#">web page</a> . <b>Organizer:</b> IUGS. <b>Participants:</b> All interested geoscientists.	Brisbane, Australia	
08-12 July 2012	<a href="#">web page</a>	CO	<b>Title:</b> International Conference on Agricultural Engineering <b>Duration:</b> Five days. <b>Objectives:</b> see <a href="#">web page</a> . <b>Organizer:</b> CIGR. <b>Participants:</b> All interested scientists.	Valencia, Spain	
26-29 March 2012	<a href="#">Web Page</a>	CO	<b>Title:</b> Planet Under Pressure - New Knowledge Towards Solutions <b>Duration:</b> Four days. <b>Objectives:</b> see <a href="#">web page</a> . <b>Organizer:</b> IGBP, DIVERSITAS, IHDP, WCRP, ESSP. <b>Participants:</b> All interested stakeholders in sustainability and global change.	London, U.K.	A session proposal "GEOSS Support for Monitoring and Understanding the Pressure on the Planet" was submitted by Plač (conveners: Cripe, Minchin, Plač, Bye, Kileshye Onema). Other proposals were submitted by the GEO Secretariat.
20-24 February	<a href="#">Announcement</a>	CO	<b>Title:</b> 2012 Ocean Sciences Meeting	San Diego, CA, USA	Session Proposal submission

Done

# ST-09-02: Progress Since STC-15

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

## 5.2 Session on GEOSS-related topics at major scientific meetings

Past:

- *AGU Fall 2010: GEOSS related hydrology session: only four invited abstracts, no contributed abstracts; merged with other session*
- *ISRSE 2011, 10-15 April 2011, Sydney: side events and sessions*
- *IUGG 2011, 27 June-08 July 2010, Melbourne: not aware of GEOSS-related sessions*
- *Fall AGU 2011: Proposals due April 20, 2011.*
- *2012 Ocean Sciences Meeting, USA: Proposals due May 16, 2011.*
- *Planet under Pressure, London: Several GEOSS-Related Proposals submitted: "GEOSS Support for Monitoring and Understanding the Pressure on the Planet" (more than 250 proposals in total - very competitive).*

STC: How can we reduce the bias to a few SBAs?

# ST-09-02: Progress Since STC-15

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

- 5.3 Organize/promote side events at major scientific meetings
  - *Difficult to keep overview, GEO Secretariat should inform ST-09-02;*
  - *If we can develop the meeting overview into a platform for documentation and coordination, we might solve this problem, too.*
  
- 5.4 High-level prospectus for a series of SBA-specific major conferences
  - *Concept (objectives, goals, structure) needs some development;*
  - *Needs coordination with the respective CB Task (CB-10-01c).*

# ST-09-02: Participation and Resources

## **Contributors:**

- Minor changes.
- All EGDIA participants (in particular, WG 3 contributors) invited to join;
- Activity biased towards North-Atlantic (Europe, North America);
- Bias likely to increase;
- Needs to be broadened (South Africa, Asia, Australia, South America)

## **Leads:**

- IEEE, EC;
- H.-P. Plag PoC (for IEEE)
- Ian McCallum, IIASA (for EC)

Additional Co-Task leads? Africa, Asia? Cross-cutting?

# ST-09-02: Participation and Resources

## **Task Meetings:**

Kick-off meeting, 27-28 July 2009, Frascati.

Small splinter group meetings in between.

Second meeting, September 30, 2010, Rome.

Monthly telecons since November 2010.

- duration: 1 hour;
- participation between five and ten.
- review of action items;
- focused discussion of one topic;

Next telecon: April 28, 2011.

# ST-09-02: Participation and Resources

## **Resources:**

- Dedicated resources: In 2010 some resources for Activity 3.3 (EPA);
- Now: EGIDA - not clear how coordination will developed;
- More active participants needed to take lead in sub-activities;
- Additional Task co-leads?
- Better coverage across SBAs needed;
- Better geographic representation needed.