

**Sub-task Number:** CB-09-04c

**Sub-task Title:** User Oriented Workshops for GEOSS Outreach and Feedback

**Overarching Task:** Capacity Building Needs and Gap Assessment

**Area:** CAPACITY BUILDING

**Relevant Committee:** CBC

**Related Targets:** (to be included in 2009)

**Sub-task Definition** (as given in the 2009-2011 Work Plan):

Organize a series of workshops to demonstrate the GEOSS Common Infrastructure to users in all societal benefit areas. Continue series of global and regional workshops to provide avenues for user inputs into the GEOSS requirements and feedback on the operational aspects of GEOSS; approximately five workshops per year will be organized which should support outreach on GEOSS capabilities. In addition, organize capacity building workshops to expose regional and local stakeholders to best practices in capacity building and to the benefits of the GEONETCast data dissemination system – in combination with open source web-based applications and service deliveries, for the various societal benefit areas, and GEOSS observation networks.

**Leads** (GEO Member or PO, Entity carrying out the work, Contact: e-mail):

IEEE, Point of Contact: Francoise Pearlman, jsp@sprintmail.com

IOC, Justin Ahanhanzo, j.ahanhanzo@unesco.org

ISPRS, Ian Dowman, idowman@ge.ucl.ac.uk

Netherlands (ITC)

OGC, George Percivall, percivall@opengeospatial.org

### **Motivation/Background**

The GEOSS implementation plan states that GEO will establish a process for reaching, maintaining, and upgrading GEOSS interoperability arrangements, informed by ongoing dialogue with major international programs and consortia. An important part of this process is for users to understand and work with the information system described in the Architecture. Over the three-year work plan, workshops will focus on the nine societal benefit areas and provide users with a forum to discuss the benefits of GEOSS and the GEOSS architecture. These workshops will also provide a forum for discussing plans and progress in Societal Benefit areas. This is a global series to be held in developed and developing countries. It continues the series started in 2005.

**Outputs** (e.g. products and services which result from the activities of the Task/sub-task; outlined in the form of deliverables with timelines)

Workshops, typically 6 per year, providing outreach to contributors and users of GEOSS.

Produced (current status): ...

**Activities** (operations or work processes through which resources are mobilized to produce specific outputs; outlined in the form of milestones including timelines)

The work to be performed will include:

1. Planning of workshops by an organising committee from IEEE, OGC, ISPRS, GEO Secretariat and local organisers.
2. Inviting speakers from the international community, regional community and local users.
3. Holding the workshop.
4. Preparing reports and proceedings and posting on website
5. Preparing recommendations and feed back report for GEO Committees.

The schedule for 2009 is available from the GEO web site ([www.earthobservations.org](http://www.earthobservations.org)) and details are provided on the IEEE (ICEO) website ([www.ieee-earth.org](http://www.ieee-earth.org)).

*Progress (current status): ...*

**Resources** (*indication of resources – e.g. financial, human – contributed by GEO Members or Participating Organizations to produce outputs*)

The workshops will be free of or at minimal cost to participants and supported by the local conference organiser. Participating organisations will provide travel assistance for speakers where appropriate and will cover the expenses of participating organizers from their organisation.

### **Architecture and Data Component**

1) Please briefly describe any task-related Earth observation resources (data set, system, website/portal) and any related Web Service interfaces that are contributed to GEOSS. State whether these items are or will be registered with the GEOSS Component and Service Registry for access via the GEO Web Portals, and whether any associated standards or other interoperability arrangements will be registered in the Standards and Interoperability Registry.

2) Please also describe what data and information your activity/system needs that you would request to be accessible through the GEOSS Common Infrastructure.

### **Capacity Building Component**

(capacity building is defined to include the development of capacity related to: (i) Infrastructure and technology transfer (Hardware, Software and other technology required to develop, access and use EO); (ii) Individuals (education and training of individuals to be aware of, access, use and develop EO) and (iii) Institutions – building policies, programs & organizational structures to enhance the value of EO data and products).

1) In accordance with the above definition does this Task have a capacity-building component? If so, please provide a short description of this component including a description of end users.

This is a capacity building task at the individual level with potential impact at the institutional level. The workshops are designed to demonstrate the GEOSS architecture to make it more user relevant, provide a venue for leading managers, scientists and engineers to review and understand GEOSS, provide outreach to broad groups of users and to develop a library of GEOSS application demonstrations to facilitate future use and understanding.

2) Have any additional CB needs for this Task been identified? Please provide a short description.

No

### **User Engagement Component**

(please briefly describe to what extent end users are engaged in this Task and influence the nature of the outputs produced)

### **Science and Technology (S&T) Component**

1) Please briefly describe the elements of scientific research or technological development contained in this Task.

2) In relation to the S&T component(s) of this task, please describe gaps, priorities, continuity needs, barriers, scientific expertise and additional resource needs (this information will be used for developing a gaps and needs assessment in Task ST-09-01)

**Members and POs' Contributions to Outputs and Activities above:**

*(Input is optional. This section gives the chance to Members and POs to provide more details (3-5 lines) on their individual activities, making a clear connection with the Outputs and Activities outlined above).*

**Italy**

*ISPRA: Networking for new methodologies about training needs assessment, indicators and workshops.*

**Japan**

*JAXA: To provide the information on the JAXA's capacity building activities in the Asia region.*

**IOC/GOOS**

Implementation of the Coastal Zone Community of Practice through regional Workshops, in African region. Coastal Zone Community of Practice (CZCP): The GOOS Project Office and the GEO Secretariat are leading the implementation of the CZCP through regional Workshops that bring together regional and international stakeholders including scientists, managers and policy makers to share best practices on observations and management systems related to coastal ocean. The GOOS Regional Alliances play a pivotal role in achieving the objectives of capacity building. GOOS-AFRICA, as a part of IOC/UNESCO/GOOS is organising the Second CZCP workshop in Africa in 2009.

**ISPRS**

*ISPRS WG VI-5 and -6: Contribution to workshops and other activities to complete task.*

**Participation (Table to be filled in 2009):**

Type	Member or PO	Representing	Contact Name	EmailAddress
Lead(PoC)	IEEE	IEEE	Francoise Pearlman	jsp@sprintmail.com
Lead	IOC	IOC	Justin Ahanhanzo	j.ahanhanzo@unesco.org
Lead	ISPRS	ISPRS	Ian Dowman	idowman@ge.ucl.ac.uk
Lead	Netherlands	ITC		
Lead	OGC	OGC	George Percivall	percivall@opengeospatial.org
Contributor	ISPRS	ISPRS WG VI-5 and -6	Manos Baltsavias	manos@geod.baug.ethz.ch
Contributor	Italy	ISPRA	Gaetano Battistella	gaetano.battistella@apat.it
Contributor	Japan	JAXA	Yoko Inomata	inomata.yoko@jaxa.jp
Contributor	UNOOSA	UNOOSA	Juan Carlos Villagran	juan-carlos.villagran@unoosa.org