

Task Number: CB-09-01

Task Title: Resource (or Seville Roadmap) Mobilization

Area: CAPACITY BUILDING

Relevant Committee: CBC

Related Targets: (to be included in 2009)

Task Definition (as given in the 2009-2011 Work Plan):

Implement the Seville Roadmap on Resource Mobilization¹. The road map aims to mobilize resources for building the capacity of the three key contributors to Earth observations: individuals, institutions and infrastructure. It also works to strengthen links between the user and donor communities.

¹ Document available at http://www.earthobservations.org/ag_cbc.shtml

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

Netherlands (ITC), Point of Contact: Mark Noort (m.noort@itc.nl)

Spain (AEMET), Ana CASALS (acasals@inm.es)

Motivation/Background

One of the main concerns of all task members is the sustainability of their actions and therefore there is a strong need to commit more actors. This could be achieved by demonstrating the benefits to all SBAs of implementing GEOSS as there are organizations that could be interested in the final goal but are unaware of the ways and means to achieve it. Nowadays there are many Members and Participating Organization promoting and funding activities that could be used as an example or study case to show those benefits but there still a need of linking funding resources with these activities.

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

Planned:

- List of projects, selected through the UIC/CBC Call for Proposal (2009-2010), that promote practical applications of Earth observations to improve decision making and call attention to specific examples in which Earth observations provide societal benefit.
- List of Project Advisors, selected through the UIC/CBC Call for Proposal (2009-2010), who could help elaborate projects to apply Earth observations to improve policy and management decisions.
- Identifying windows of opportunity, eg conferences, workshops and others, for making presentations on GEO to groups of donors
- Inventory of relevant resource-mobilization agencies, their priorities, procedural requirements and nature of grants
- Inventory of the resource-mobilization capacities and contact details of GEO Members
- Inventory of RM training schemes (eg fellowships, awards)
- RM Performance indicators

Produced (current status):

- A draft list of funding agencies and organisms (September 2007).
- The Seville Roadmap document (September 2007).
- A list of criteria for choosing pilots projects (February 2008).
- GEO Secretariat prepared a marketing and communication kits with information (June 2008).
- GEO Secretariat prepared a list of the main GEOSS funded activities and a list of some projects needing funds (July 08).
- Resource Mobilization GEO form (April 2009): see annex

¹ Document available at http://www.earthobservations.org/ag_cbc.shtml

Schedule:

- Identifying windows of opportunity to publicise GEO to donors – throughout 2009-2011
- Inventory (directory) of national and international RM agencies and applicable training schemes
 - determination of inventory template: April 2009
 - selection of 5 Regional “rapporteurs”: June 2009
 - compilation of inventory: Version 1 to be completed by November 09; updated Version 2 to be completed by March 2010
- Performance indicators – Defined together with CB09-04b by September 2009 -Evaluated by 2011

Expected outcomes:

- Enhances the commitments of the national and international resource providers in the GEO capacity building process
- Identifies possible funding mechanisms in support of individual GEO projects selected through the UIC/CBC Call for Proposal (2009-10)
- Facilitates the matching or alignment of priorities between GEO projects and potential donors
- Increases capacities in the application of tools for the mobilization of resources

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

Planned for 2009-2010: Implementation of the Seville Roadmap

Some of the main elements to work on suggested in the Seville Roadmap on Resource Mobilization are already included in the UIC/CBC Call for Proposal (UIC/CBC CFP). In addition, the CFP helps the implementation of the road map by increasing the awareness of Earth Observation societal benefit to end users and the capacity of project teams to apply them. Therefore this UIC/CBC CFP will be one of the main activities of the CB 09-01 during the CFP time frame.

To engage Resource-Providing Organizations, and accordingly with the Seville Roadmap, some activities that will be developed by CB09-01 task team in parallel with the UIC/CBC CFP are:

- Identifying conferences, workshops and other opportunities for making presentations on GEO to groups of donors.
- Producing an inventory of donors relevant to GEOSS, their goals and interests and a detailed description of their procedural requirements.
- Producing an inventory of the resource-mobilization capacities and contacts of GEO members.
- Identifying training opportunities for GEO Members and Participating Organizations interested in improving their skills in completing and submitting funding proposals.

With this information gathered, UIC/CBC will try to match the selected projects from the Full proposals with one or more Resource-Providing Organization before the Project Initiation and invite Resource-Providing Organizations interested in the CFP kick-off meeting.

Task effort will be focused then in the selection and advice of the proposals, on the mobilization of resources for the Full proposals selected and in gathering information for future activities related.

Progress (current status)

Feb 07: Date and Venue has been finalised as 10 and 11 September 2007 in Seville, Spain. A task team consisting of the 5 Co-Chairs, Gordon Bridge (EUMETSAT), Patrice Christmann (Eurogeosurveys), Noberto Fernandez (UNEP), John Jones (NOAA) and the GEO Secretariat was established to guide the preparation of the symposium. The team will also identify projects that the symposium could showcase.

Sept 07: The 1st GEO-Donor Capacity Building Symposium was successfully held in Seville (Spain) on September 10-11, 2007, with the participation of one hundred delegates from 42 countries and 80 different organizations.

The CBC elaborated this resource mobilization roadmap with the outputs of the 1st GEO-Donor Capacity Building Symposium and the CBC-5 held in Seville (September, 2007) to support the GEO Capacity Building Strategy in identifying and channelling more financial and human resources into building capacity

for Earth observations at the global, regional national and levels. The Seville Roadmap was completed to be ready for information during GEO-IV in Cape Town (Nov 07).

Nov 07: The former Task CB-07-01a, “organizing a Capacity Building Symposium”, was finalized and therefore updated in the 2007-2009 Work Plan, which was approved during the GEO IV Plenary in Cape Town (South Africa). During the following Ministerial Summit, several delegations declared the importance of the capacity building activities and the implementation of the results of this Symposium.

Dec 07: The elaboration of the work plan is under progress, although in need of more contributors. A first draft of the Work Plan Scheme and document it's been done. A first draft was presented in CBC-6 in February 2008.

Feb 08: the following steps to follow were considered and prioritized:

1. Establish criteria for identifying pilot projects;
2. Identify pilot projects for donor consideration;
3. Identify potential resource providers and their attributes;
4. Produce communication and marketing materials that could be adapted as needed;
5. Co-chairs to Identify Champions

July 08: The Secretariat prepared a list of the main GEOSS funded activities and a list of some projects needing funds. A CBC co-chair and GEO Secretariat visit several Governmental and Funding Agencies in the USA.

Sep 08: This task was proposed to be part of the role of CBC, being included in the “WP Governance” in new 2009-2011 Work Plan V.2 and deleted from WP tasks list. This change of location should still be revised for the final WP.

During the collocated meetings, UIC presented CBC its Call for Participation (at present, Call for Proposal). This initiative fitted perfectly with the Seville Road map objectives and gave CBC a practical way to implement it. Therefore, CBC committed to work together with UIC on its CFP.

Dec 08: Some CBC members prepared a proposal for the EC Call which include CB activities and on resource mobilization: GEO Network for Capacity Building (GEO-Net-CaB).

February 09: UIC/CBC released the CFP on GEO web page.

May 09: the task team initiated a research to gather information regarding resource providers, including:

- identification of useful Web links
- filling out “Resource mobilization organizations GEO card” (see annex)
- searching volunteers for being regional “rapporteurs”

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

Spain (AEMET): Organization of the Seville Symposium 90.000 €

European Commission: FP7-ENV-2009-1 Work Programme - ENV.2009.4.1.4.1 Action in the domain of EO to support capacity building in GEO (support action): up to EURO 1 million

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.

Potential contributions to the CB portal may be the following:

- List of Project Advisors, selected through the UIC/CBC Call for Proposal (2009-2010), who could help elaborate projects to apply Earth observations to improve policy and management decisions.
- Inventory of windows of opportunity, eg conferences, workshops and others, for making presentations on GEO to groups of donors

- Inventory of relevant resource-mobilization agencies, their priorities, procedural requirements and nature of grants
- Inventory of the resource-mobilization capacities and contact details of GEO Members
- Inventory of RM training schemes (eg fellowships, awards)
- Inventory of training opportunities for funding proposals.
- Marketing and communication kits.

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

Non applicable

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.*

The task is within capacity-building activities by nature. The success of GEOSS will depend on the commitment of the global community to invest in the creation of capacity in its three components (individual, institutions and infrastructure). Therefore, to engage donors is not only a Capacity Building activity, but a request from all the CB activities to ensure their own success.

End-users: at the same time, the GEO community's and the Donor Community, as both could be benefited from the Seville Roadmap Implementation and the communications channels created in this field.

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

There is a need of having more human resources to work on this Task, investing their time and resources for the benefit and sustainability of all GEO activities.

User Engagement Component

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

All GEO activities and this task in particular should be focused on the users needs. In addition, if we want to increase the commitment of funding organisms it could be quite useful if the end users are engaged on this task and corroborate the importance of the GEO activities.

The UIC Call for Participation looks for the same goal: identifying and promoting practical applications of Earth observations to improve decision making and calling attention to specific examples in which Earth observations provide societal benefit. The CFP supports GEO Tasks US-06-02 (Communities of Practice) and CB-07-01a (Resource Mobilisation) and focus on the following GEO Societal Benefit Areas: Agriculture, Energy, Human Health, and Water.

UIC and CoP are committed with this activity and therefore with the resource mobilization.

Science and Technology (S&T) Component

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

Non applicable

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)*

Non applicable

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).

Uzbekistan

Uzhydromet: Due to great importance of resource mobilization for developing countries we would like to be involved in the activities and contribute to the best of our ability.

CEOS

EUMETSAT: Possible use of WGEdu Portal to keep CEOS and other agencies informed of progress, lists of potential Donors, info on fund application and project definition, etc.

European Commission (EC)

Within the FP7 framework, the European Commission has published 1 September 08 a call for proposals to support CB activities within the work of GEO and, in a particular, 2009-2011 Work Plan tasks CB-09-01, CB-09-03 and CB-09-04. This support action should make a major contribution to the implementation of the GEO Seville roadmap to mobilise capacity building resources for realising the GEOSS. It should also demonstrate the capability of the GEO to co-ordinate resource mobilisation mechanisms and to act as a broker serving EO stakeholders and potential resource providers. It should also improve the integration of the GEOSS into regional and national planning processes for sustainable development. This support action should strengthen the capability of all countries, and in particular developing countries, to play an effective role in the capacity building activities of the GEO.

UN Office for Outer Space Affairs (UNOOSA)

UNOOSA contributes through their own fund-raising related activities to the task, but also to make available information and fund-raising opportunities that may arise/become known through this task through the United Nations Programme on Space Applications:

- Fundraising website <http://www.unoosa.org/oosa/en/fundraising/index.html>
- Education, Training, Research and Fellowship Opportunities in Space Science and Technology <http://www.unoosa.org/oosa/en/SAP/eddir/index.html>
- Regional Centres for Space Science and Technology Education <http://www.unoosa.org/oosa/en/SAP/centres/index.html>

Asia-Pacific Network for Global Change Research (APN)

APN welcomes proposals for funding in GEOSS-related activities, particularly under the capacity building element of the APN, otherwise known as our Scientific Capacity Building/Enhancement for Sustainable Development in Developing Countries (CAPaBLE) programme, where approximately US\$350,000 is available annually for capacity development activities for developing nations of the Asia-Pacific region.

Next annual call for proposals will be launched in June/July 2009 for funding from April 2010.

More details on last year's call can be found on the APN website by visiting the link http://www.apn-gcr.org/en/callforproposals/cfp08_CAPaBLE.htm

Participation (Table to be filled in 2009):

Type	Member or PO	Representing	Contact Name	EmailAddress
Lead(PoC)	Netherlands	ITC	Mark Noort	mnoort@itc.nl
Lead	SPAIN	State Meteorological Agency (AEMET)	Ana CASALS	acasals@inm.es
Contributor	CEOS	EUMETSAT	Gordon Bridge	Gordon.Bridge@eumetsat.int
Contributor	UNOOSA		Werner Balogh	werner.balogh@unoosa.org
Contributor	Australia	Bureau of Meteorology (BoM)	Ven Tsui	v.tsui@bom.gov.au
Contributor	Korea	KMA	Yong-Seong Kang	yongsung@kma.go.kr
Contributor	Uzbekistan	Uzhydromet	Natalya Shulgina	shulginata@yahoo.com
Contributor	USA	NOAA	Tyra Brown	Tyra.Brown@noaa.gov
Contributor	APN	Asia-Pacific Network for Global Change Research (APN)	Linda Anne Stevenson	lstevenson@apn-gcr.org

Resource mobilization organization - GEO Card

CONTACT DETAILS

Name:

Address:

Postal address:

City:

Postal code:

Country:

Personal details:

Family name:

Given name:

Position:

Unit:

Telephone:

Fax number:

E-mail:

Web page:

Other useful information:

OVERVIEW OF THE ORGANIZATION

Vision:

Mission:

Regional preferences:

Africa:

America:

Asia-Oceania:

CIS:

Europe:

Comments

Strategic Goals:

- 1.
- 2.
- 3.
- 4.
- 5.

RELATION WITH POSSIBLE GEO PROJECTS

Description of possible links to EO activities:

Fields of interest (1- High priority; 2- Medium priority; 3- Low priority):

Disasters	<input type="checkbox"/>	Weather	<input type="checkbox"/>
Health	<input type="checkbox"/>	Ecosystems	<input type="checkbox"/>
Energy	<input type="checkbox"/>	Agriculture	<input type="checkbox"/>
Climate	<input type="checkbox"/>	Biodiversity	<input type="checkbox"/>
Water	<input type="checkbox"/>		

Type of capacities addressed by the organization:

- Individual:
- Infrastructure:
- Institutional:

Other EO projects funded previously (Y/N):

- 1.
- 2.
- 3.

DESCRIPTION OF THE FUNDING MECHANISM:

Short description (including projects, fellowships, prizes, etc):

Type of funding procedure (open call for proposal, direct proposal, etc):

Expected dates of announcement:

Funding recurrence (none, yearly, half-yearly, etc):

Best ways to reach the funding decision-makers (meetings, visiting, inviting, with whom, etc.):"

List of training opportunities (completing and submitting funding proposals), if any:

- 1.
- 2.
- 3.

Useful links:

GEO CONTACT POINT[†]:

Member or Participating Organization:

Contact details:

Family name:

Given name:

Position:

Unit:

Telephone:

Fax number:

E-mail:

Contact point offered as:

- | | | |
|-----------------|---|--------------------------|
| RM CONTACT | To contact the resource mobilization organization | <input type="checkbox"/> |
| PROJECT ADVISOR | To give advice in the design of the proposal | <input type="checkbox"/> |

Comments:

[†] *This information will not be public but will be provided to project teams by the GEO Secretariat when needed.*

Card filled out by:

Last update:

Please, send back this form in electronic format to: Mark Noort (m.noort@itc.nl) (CB09-01 Task POC) & GEO Secretariat secretariat@geosec.org