



OAT CB-09-04

**Capacity Building Needs and Gap
Assessment**



OAT CB-09-04 – Capacity Building Needs and Gap Assessment

- Task Definition

Engage the user community in identifying their capacity building needs for accessing, using and producing Earth observations for societal benefit. Develop an operational capacity building presence within the GEOSS Common Infrastructure (Task AR-09-01).

- Motivation

CBC Strategy states, "...to achieve enhanced coordination, GEO's capacity building mission should **identify the diverse requirements** for building capacity within each of GEO's nine societal benefit areas..."

GEOSS 10 Year 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.



OAT CB-09-04

- OAT core team

Co-coordinator: South Africa (Umvoto Africa) - Andiswa Mlisa

Co-coordinator: South Africa (DST) - Tumisang Sebitloane

POC CB-09-04a: Netherlands, ITC- Enschede, Chris Mannaerts

POC CB-09-04b: UNESCO (IOC) - Joannes Berque

POC CB-09-04c: IEEE - Francoise Pearlman

Contributor: Madagascar (MEF) - Noasilalao Rasolondraibe

Contributor: United Kingdom (Edinburgh University) - Iain Woodhouse



OAT CB-09-04

- OAT Goals
 - Identifying capacity building needs and gaps for accessing and using EO products for societal benefit
 - Develop an operational CB presence within the GEOSS Common Infrastructure
 - Develop GEO Capacity building indicators



OAT CB-09-04

- OAT Targets
 - Identify CB needs in EO at both a generic and global level, but with emphasis on target regions
 - Identify resource providers (data and products) in the various regions
 - Delivery of gaps and needs assessment to relevant task leads for action
 - Identify criteria for best practices in EO CB (training, infrastructure and institutional)
 - Compile best practices in EO CB
 - Disseminate CB and EO information, data and products to users through the CBC Portal
 - Install monitoring and evaluation mechanisms for user needs and provider performance
 - Hold five / six workshops per year providing outreach to contributors and users of GEOSS (needs assessment of GEOSS Common Infrastructure)
 - Identify appropriate performance indicators for CBC and develop standardized methodologies for assessing those indicators



OAT CB-09-04

- OAT outputs to CB Strategy and Strategic Targets
 - Gaps and needs assessment report
 - Feedback and recommendations report of GEOSS Outreach workshops
 - GEO CB Indicators
 - Best practices in EO CB document and setup a community of best practice



OAT CB-09-04

- Outputs, expected outcomes/potential GEOSS components for 2009-2011
 - Dissemination of information via GEO / CBC Web Portal
- OAT dependencies and interactions with other tasks
 - CB-09-01 Resource mobilization (identification of resource providers and facilitation of interaction between users and resource providers)
 - CB-09-02a Recognition of Cross Border E&T in Earth (input criteria for best practice)
 - GEO / CBC Web Portal (dissemination of information, data and products)
 - AR-09-01 GEOSS Common Infrastructure (input in usability of GEOSS infrastructure)
 - AR-09-01c GEOSS Best Practices Registry (identified CB best practices)
 - GEONETCAST
- Schedule for OAT
 - CB Support project (FP7 call) on final evaluation stage
 - Schedule of activities to be mapped in detail for each subtask to ensure optimum benefit, similarly for other OAT's
 - Will negotiations be possible with other OAT's with regard schedule?
 - Will the voluntary nature of GEO affect commitment to schedule?



OAT CB-09-04

- OAT management, reporting methods and guidelines
 - Co-chair to coordinate (Task Lead)
 - Mapping links (dependencies) amongst subtasks and other OAT's
 - Organize regular teleconferences with core team on updates
 - Send reminders to core team with regards task
 - Facilitate issues arising within the OAT
 - Develop OAT Task Sheet – include “coordination” section
 - Do subtask leads keep their task sheets, which included activities of contributors?

- Expectations of OAT from CBC
 - Input during CBC meetings
 - Actions to be taken based on gaps and needs assessment deliverables



OAT CB-09-04

- OAT Sub-tasks
 - CB-09-04a Identifying best practices, gaps and needs (Chris Mannaerts)
 - CB-09-04b Capacity building performance indicators (Joannes Berque)
 - CB-09-04c User orientated workshops for GEOSS outreach and feedback (Francoise Pearlman)