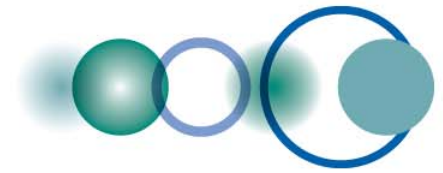


OAT CB-09-04

Capacity Building Needs and Gap Assessment

**Andiswa Mlisa
Task Coordinator**



OAT CB-09-04

OAT core team

Co-coordinator: South Africa - Andiswa Mlisa; Tumisang Sebitloane

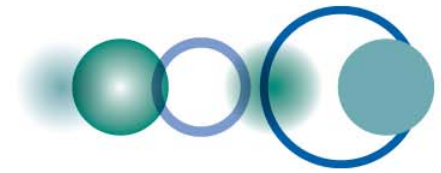
POC CB-09-04a: Netherlands, ITC- Enschede, Chris Mannaerts

POC CB-09-04b: UNESCO - 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

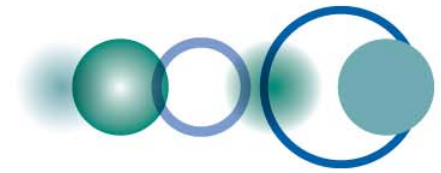
- Identifying capacity building needs and gaps for accessing and using EO products for societal benefit
- Develop an operational CB presence within the GEOSS Common Infrastructure
- Develop GEO Capacity building indicators

OAT 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 set up a community of best practice

Outputs /potential GEOSS components for 2009-2011

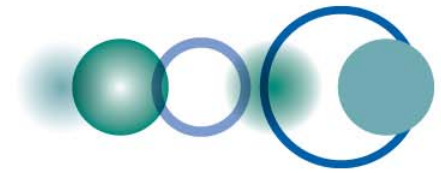
- Dissemination of information via GEO / CBC Web Portal



OAT CB-09-04 - Targets

OAT Targets

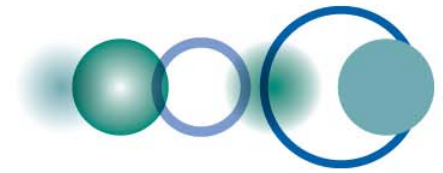
- Identify CB needs in EO at both a generic and global level, but with emphasis on target regions
- Identify resource providers (data and products) in the various regions
- Delivery of gaps and needs assessment to relevant task leads for action
- Identify criteria for best practices in EO CB (training, 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 dependencies and interactions with other tasks

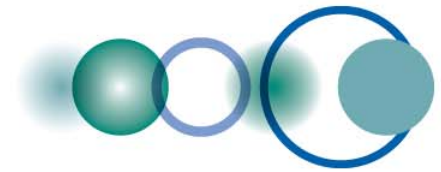
- CB-09-01 Resource mobilization (identification of resource providers and facilitation of interaction between users and resource providers)
- CB-09-02a Recognition of Cross Border E&T in Earth (input criteria for best practice)
- GEO / CBC Web Portal (dissemination of information, data and products)
- AR-09-01 GEOSS Common Infrastructure (input in usability of GEOSS infrastructure)
- AR-09-01c GEOSS Best Practices Registry (identified CB best practices)
- Further update based on CBC Roadmap Recommendations



OAT CB-09-04

Currently OAT has 3 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)

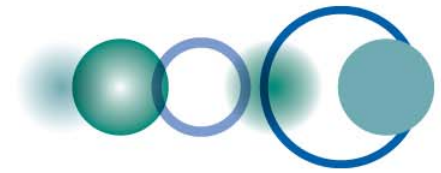


OAT CB-09-04 – Sub Tasks

CB-09-04a Identifying best practices, gaps and needs

Planned Schedule 2009/10:

- Task overall support: GEONetCab project expected to kick-off 2009 (4th semester)
- Identification of BP's using funded projects:
 - EU funded Aida and Devcocast projects (led by VITO/Belgium),
 - ESA/Tiger activities,
 - recent deployment of SERVIR in East Africa
- BP dissemination and gaps and needs analysis through conferences & symposia:
 - IGARSS July 2009, Cape Town, SA;
 - AfricaGIS, Oct 2009, Kampala, Uganda.
- GEO task links to int'l professional and scientific networks:
 - Exploring further links of GEO task CB-09-04a with ISPRS COM VI on Education & Outreach.
- June, 2-4 2010 (ITC, Enschede, NL): A major symposium event related to the ISPRS TC-VI Education & Outreach and also commemorating the 60th anniversary (1950-2010) of the ITC institute.



OAT CB-09-04 – Sub Tasks

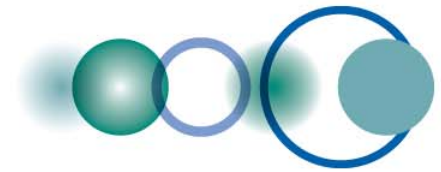
CB-09-04b Capacity building performance indicators (Joannes Berque)

Planned Activities:

- Develop indicators to measure the implementation of GEO capacity building strategy and the achievement of its objectives.
- Compile & develop indicators that could be adopted/already adopted by GEO members and participating organisations to provide information on the impact and outcome of Earth observation capacity building programmes.
- Compile and develop methodologies standardizing the collection of data for these indicators.
- Encourage the GEO community in developing these indicators and build on existing capacity building indicator frameworks used by international organisations.
- Monitor and assess Task CB-07-01c implementation.

Challenges/Requirements

- At present the task objectives seem ambitious in light of available resources. In this context a focus on key aspects is proposed – Sub-task leads to draft proposal changes.
- Contributors to the task required



OAT CB-09-04 – Sub Tasks

CB-09-04c User orientated workshops for GEOSS outreach and feedback (Francoise Pearlman)

Planned Schedule 2009:

GEOSS Workshop XXVI: Towards a Global Forest Carbon Monitoring System (May 3)

➤ GEOSS Workshop XXVII: Understanding the Oceans Integrated Observation Systems including subsurface sensors (May 10)

➤ GEOSS Workshop XXVIII: Health and the Environment (Jul 7-9)

➤ GEOSS Workshop XXX: Disasters management and humanitarian assistance for GEOSS (Oct 23-25)

➤ GEOSS Workshop XXXI: Using Earth Observations for Health - a workshop of the GEO Health and the Environment Community of Practice (Nov 12-13)

➤ GEOSS Workshop XXXII: Disasters with emphasis on Communication (Nov 30)

➤ GEOSS Workshop XXXIII: Water Cycle (Dec 14)