

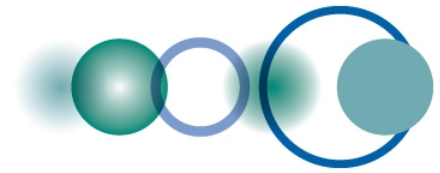
Report of the Capacity Building Committee (CBC)

Yolanda Berenguer, UNESCO, CBC Co-Chair
1st GEOHAZARDS CoP meeting, 18 Jan 2010, Paris

Alan Edwards, European Commission
On behalf of the CBC Co-chairs

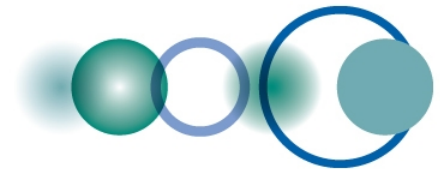
GEO VI-Plenary
Washington D.C., U.S.A.
17-18 November 2009





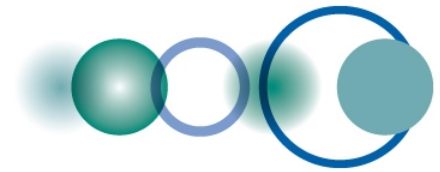
CBC Membership

- Austria, Argentina, Australia, Bangladesh, **Brazil (co-chair)**, Canada, China, Croatia, Egypt, **European Commission (co-chair)**, France, Germany, Greece, India, Iran, Italy, Japan, Korea, Madagascar, Moldova, Morocco, Netherlands, New Zealand, Niger, Portugal, Russia, **South Africa (co-chair)**, **Spain (co-chair)**, Switzerland, Thailand, Uganda, Ukraine, USA, Uzbekistan (34).
- AARSE, APN, CEOS, EEA, EIS-Africa, EUMETSAT, EuroGeoSurveys, FDSN, GCOS, IAG, ICIMOD, IEEE, IGBP, IOC, ITC, ISCGM, ISPRS, POGO, UNECA, UNEP, **UNESCO (co-chair)**, UNOOSA, WCRP (START), WMO (24)



Principles for GEO Capacity Building

- Build on existing efforts and best practices;
- Focus on user needs;
- Foster collaboration and partnership;
- Have a holistic view I³, end-to-end (E2E) in all SBAs at the local, regional and global levels;
- Enhance the sustainability of Earth observation capacity building efforts.

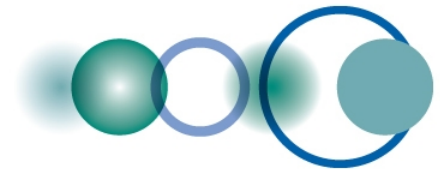


Capacity Building Strategy in GEO

An integrated approach based on three complementary elements:

- **Infrastructure CB:** HW, SW and other technology required to develop, access and use EO.
- **Individuals (Human) CB:** education and training of individuals to be aware of, access, use and develop EO.
- **Institutional CB:** building policies, programs & organizational structures in governments and organizations to enhance the value of EO data and products.

I3



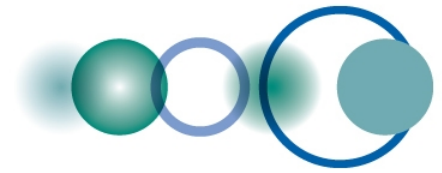
CBC Meetings

- **11th CBC meeting, 20-22 September 2010, Enschede**
- **10th CBC Meeting, 14-16 September 2009, Melbourne**
- **Capacity Building Roadmap, 2-3 July 2009, Paris**
- **9th CBC Meeting, 27-29 April 2009, Athens**
- 8th CBC Meeting, 21-24 September 2008, Boulder, Colorado, USA
- 7th CBC Meeting, 3-4 June 2008, Tashkent, Uzbekistan
- 6th CBC Meeting, 13-14 February 2008, Hannover, Germany
- 5th CBC Meeting, 12-13 September 2007, Seville Spain
- 1st GEO – Donor CB Symposium: Linking strengths for sustainable Earth observation, 10-11 September 2007, Seville, Spain
- 4th CBC Meeting, 31 May -1 June 2007, Geneva, Switzerland
- 3rd CBC Meeting, 31 January – 1 February 2007, Tenerife, Spain
- 2nd CBC Meeting, 2006, Brussels, Belgium
- 1st CBC Meeting, 2006, Paris, France



CBC Activities

- Developed capacity building Strategic Targets.
- Updated capacity building OATs for work plan.
- Developing capacity building Roadmap
- Coordinating OATs and respective subtasks.
- Managing UIC/CBC-CFP



Strategic Target for Capacity Building

Before 2015, GEO aims to:

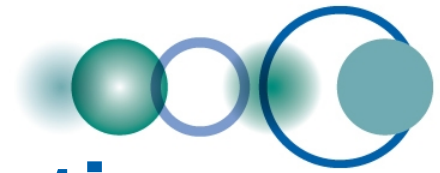
Enhance the coordination of efforts to strengthen individual, institutional and infrastructure capacities, particularly in developing countries, to produce and use Earth observations and derived information products.



Strategic Target for Capacity Building

Will be demonstrated by:

- Networking activities that specifically build individual, institutional and infrastructure capacity.
- Leveraging resources for Earth observation capacity building efforts.
- Uptake increased use of Earth observation in policy and decision making.
- Enhanced participation of developing countries in GEO and GEOSS.

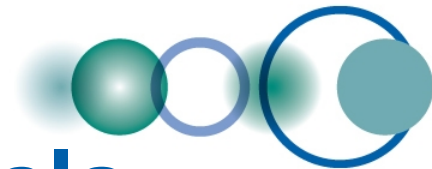


CB Tasks OAT Coordination

Overarching Tasks

- CB-09-01: Resource (or Seville Roadmap) Mobilization
- CB-09-02: Building Individual Capacity in Earth Observation
- CB-09-03: Building Institutional Capacity to Use Earth Observation
- CB-09-04: Capacity Building Needs and Gap Assessment
- CB-09-05: Infrastructure Development and Technology Transfer for Information Access

New: CB-10-01: Building Capacity through Outreach and Awareness Raising



UIC/CBC Call for Proposals

Overview

CFP seeks proposals for projects to apply Earth observations to improve policy decisions and management decisions.

CFP seeks to identify and enable practical applications of Earth obs.

Strong focus on Developing Countries and supporting end-users

Showcase the value and benefits of Earth obs. and GEOSS through successful applications examples.

Topics & GEO Tasks

Focus on 4 SBAs:

- Agriculture (*including Forests*)
- Energy
- Health (*including Air Quality*)
- Water

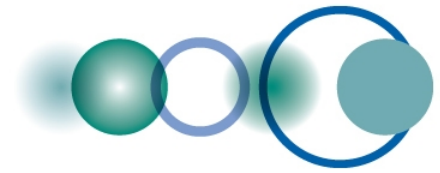
CFP supports GEO Tasks:

- CB-09-01 (Mobilising Resources)
- US-09-01b (Communities of Practice)



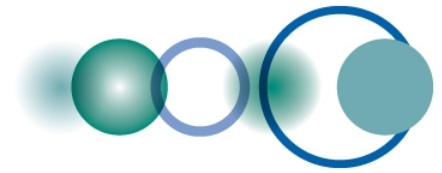
UIC/CBC Call for Proposals

- GEO received 136 submissions in June 2009
- 44 countries submitted – 77% from developing countries
- Project targets: 58% DCs, 18% regional, 24% global
- First stage proposal review completed
- Final proposals due in February 2010



UIC/CBC Call for Proposals

- CBC members part of UIC/CBC-CFP Management Team.
- All committees volunteered to be reviewers of concept proposals
- Need volunteers for Full Proposals
- Need volunteers as Advisors

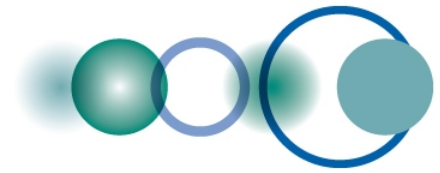


FP7 Projects supporting GEO Capacity Building

Two funded projects:

- GEONETCab (GEO Network for Capacity Building)
- GEO Capacity Building Initiative in Central Asia (SEOCA)

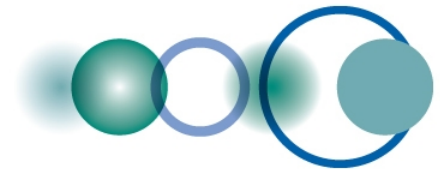
**Support Seville Roadmap implementation
and hence UIC/CBC CFP**



Value added through the CBC

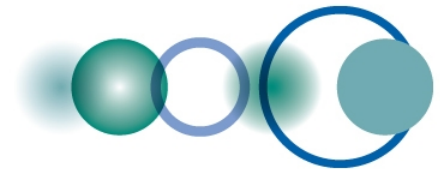
The CBC tries to match the needs with potential resources:

- In the CBC meeting in Athens meeting, ICIMOD presented on their activities and needs. Discussion with USAID initiated.
- NASA and USAID visit ICIMOD to conduct a needs assessment.
- Discussions advanced for a new SERVIR node in 2010 to be called "SERVIR-Himalaya."
- It will serve the countries that ICIMOD serves - Afghanistan, Bangladesh, Bhutan, China, India, Nepal, Pakistan



GEOSS Roadmap: CB component under development

- **Responds to call in the “*Strategic Targets: GEOSS Implementation by 2015*” document for the construction of a GEOSS Roadmap.**
- **The CB Roadmap attempts to provide guidance and define the necessary steps in order to meet GEO’s capacity building goals and targets by 2015.**



CB Roadmap outcomes:

Networking activities that specifically build individual, institutional and infrastructure capacity are carried out

- Geographic expansion of capacity building networks
 - Qualitative – extension of global coverage
 - Quantitative- 1-2 new linkages
 - To be completed by 2011
- Thematic expansion of capacity building networks
 - Qualitative – extension of thematic coverage
 - Quantitative- 1-2 new themes covered
 - To be completed by 2011
- Joint training activities (e.g. workshops, seminars, courses, etc.) carried out by at least two thematic (SB) areas.
 - Qualitative – joint capacity building measures
 - Quantitative – by at least 2 thematic areas
 - 3 per year, increasing by 2015