GEO Capacity Building Committee
Role and main activities

Boulder, September 2008
The Capacity Building Committee will support the GEO in strengthening the capability of all countries, in particular developing countries, to use Earth observation data and products in a sustainable manner and to contribute observations and systems to GEOSS.
Guiding Principles for GEO Capacity Building

• DO NOT REINVENT THE WHEEL! Build on existing efforts and best practices;

• 1ST THE USER, THEN THE USER AND FINALLY THE USER! Focus on user needs

• DO IT TOGETHER! Foster collaboration and partnership

• DO IT TO LAST! Enhance the sustainability EO

• HAVE A HOLISTIC VIEW! across all SBA, at the global, regional and local levels
An integrated approach to building capacity

An approach based on three complementary and needed elements:

**Infrastructure CB:** Hardware, Software 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 understanding of the value of EO...

data and products.
What is GEO’s Mandate in terms of CB?

- Facilitating, coordinating
  - No funding for implementation

- X-cutting
  - Tools and mechanisms to facilitate and decreasing fragmentation

- SBA
  - Identify and fill needs through advocacy
Membership

• Argentina, Australia, Bangladesh, **Brazil** (co-chair), Canada, China, Croatia, Egypt, **European Commission** (co-chair), France, Germany, Greece, India, Iran, Italy, Japan, Korea, Moldova, Morocco, Netherlands, New Zealand, Niger, Portugal, Russia, **South Africa** (co-chair), **Spain** (co-chair), Switzerland, Thailand, Uganda, Ukraine, USA, Uzbekistan. (31 + EC)

• AARSE, APN, CEOS, EEA, EIS-Africa, EUMETSAT, EuroGeoSurveys, FDSN, GCOS, IAG, IEEE, IGBP, IOC, ITC, ISCGM, ISPRS, POGO, UNEP, **UNESCO** (co-chair), UNOOSA, WCRP (START), WMO (22)
CBC main activities

Implementation of GEO Capacity Building Strategy

- GEO Web Portal
- Infrastructure capacity building efforts: GEONETCast.
- Earth observation capacity building networks
- Open source software.
- Development of national and regional capacity
- Mobilizing resources for implementing GEOSS: the Seville Roadmap
Capacity Building Strategy

Objectives:
- Identify, coordinate and build synergies
- Address developing country needs
- Access to data, information and infrastructure sharing
- Inclusion of capacity building in all GEO areas
- Coordinate identification of resources for priorities

Priority Actions:
- Infrastructure capacity building through GEONETCast
- Strengthening Earth observation capacity building networks
- Development and use of open source software
- Development of national and regional capacity
- Engaging donors on capacity building priorities

Linkage between objective and priority actions:
- Linkage present
- No linkage present
Thank you!