



Updates and Discussions Data Democracy & WGEdu

INPE - Brazil

GEO Data Democracy

CB-09-05_e - Task Definition

Strengthen the Earth observation data utilization cycle by broadening in-situ data/information access, increasing data dissemination capabilities, promoting the development and use of Open Source Software (OSS) across and along the Earth observation value chain, developing and implementing training programs (e.g. for CBERS data) and transferring technology to end-users. CEOS shall encourage its members to share their above mentioned capabilities to the users, especially in developing countries. Several CEOS agencies may serve efficiently the user community thanks to mature infrastructure and technological capabilities. Moreover users in several parts of the world still require support not only for data but also for learning to use Earth observation information tools and services.

Leads

TYPE	Member or PO	Implementing	Contact Name
Task Lead (POC)	Brazil	INPE	Hilcea Ferreira
Task Lead	Brazil	INPE	Gilberto Camara
Task Lead	CEOS	ASI	Stefano Bruzzi

GEO Task 2010 Updates

Brazil, FAO, Japan, France

- INPE-FAO Partnership and Work Programme to Build Forest Monitoring Capacity – Training courses , using TerraAmazon.
- Third Country Training Programme (TCTP) in the framework of the Japan Brazil Partnership Programme: International Courses on Tropical Forest Monitoring using TerraAmazon System.
- Launch of SPRING Open Source Version. (<http://www.spring-gis.org/index.php?lang=en>)
- Update and improvement of TerraLib, TerraView and SPRING homepages, training material, tutorial and documentations in Portuguese, English and French.

CEOS

- Launch of Data Democracy Portal (www.datademocracyportal.org)
- GCI Training (face-to-face in May, 2010; via Webex, September 2010)
- Courses held during the Data Democracy WS: SPRING, TerraLib, SISMA DEN (Natural Disasters Monitoring and Warning System): Bangkok, Thailand (June, 2010)
- WGEdu RS workshop in Panama: “Geotecnologías para el Monitoreo de Desastres Naturales en América Central y el Caribe” (INPE and USGS)

Background – Data Democracy

2004: CBERS free data policy in Brazil

CBERS data available on the Internet free of charges

2007: CBERS for Africa Initiative

Extension of CBERS free data policy for Africa

2008: Unrestricted and full access to Landsat data

October 2008: “Data democracy for developing countries” was adopted by the CEOS Chair (**CSIR – South African Council for Scientific and Industrial Research**) as the special project.

2009: Continuous support from **GISTDA** – Thailand (CEOS Chair 2009);

2009:ESA announced free data policy for GMES

November 2009: approved as the new GEO task: CB-09-05E

2010:Continuous support from **INPE** (CEOS Chair 2010)

2011: Expected support from ASI to CEOS Actions within Data Democracy Initiative.

GEO WP and data democracy

In the GEO Workplan 2012-15, the Data Democracy concept is present at:

- IN-03: Earth Data Sets (IN = Infrastructure)**
- IN-04: Geos Communication Networks**
- ID-01: Data Sharing (ID = Institutions and Development)**
- ID-03: Developing Institutions and Individual Capacity**

The four pillars of Data Democracy:

- Unhindered access to EO information**
- Open source software and open systems**
- Adequate dissemination models in developing countries**
- Cross-border collaborative projects and intensive capacity building**

Future ...

Questions:

- 1- What is the commitment CEOS wants to have on GEO Data Democracy tasks?
- 2- Out of GEO, how WGEdu will relate to Data Democracy? What role WGEdu wants to play in Data Democracy?
- 3- New working group? Low support from agencies ...

Agencies' thoughts

Annual WGEdu Workshop should be kept, but sponsors are needed. The workshop could be held in different regions of interest.

The workshops would include hands-on sessions.

WGEdu and Data Democracy points of contact could communicate and develop a plan to hold joint internet-based trainings.

WGEdu can contribute to the development of the Data Democracy Portal.

CONAE offered some resources through its educational 2Mp Program.

The Eduflow Project should continue.

WGEdu ToR should be revised.

INPE's suggestion for WGEdu

As WGEdu Co-Chair INPE is expected to contribute with ideas that can promote CEOS capacity in education. Our main concerns are:

More effective engagement of CEOS agencies in a way that one action managed collectively would replace individual actions.

Better balance and cost sharing among CEOS agencies.

Increased number of potentially well-trained professionals, better outreach.

Our suggestion aims at giving new strength to WGEdu, which would end up leading to increased and broader CEOS influence.

INPE's suggestion for WGEdu

International e-learning course on Remote Sensing, to be organized by CEOS space agencies, as follows:

Target audience of around 50 students with university degree.

Program long enough to provide a diploma, comprised of separate subjects (modules) taught by each agency, which would cover all implicit costs.

INPE would offer to lead – Dr. Tania Sausen, WGEdu co-chair.

Agencies would need to find financial support for a single face to face meeting of teachers and students.

This project would give CEOS the international visibility for an effort for Data Democracy and masses outreach.