



Report on ADC meeting # 4

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Perugia, Italy

- The ADC meeting took place at the Institute of Industrial Science, University of Tokyo, on May 14/15 2007.
- Mainly participants from Japan, about ten from Europe and US.
- Japan presents himself as an interested and active nation cooperating in many global projects which contributing to GEOSS and presenting a detailed implementation plan.
- All presentations can be downloaded ftp://ftp.wmo.int/Projects/GEO/ADC/meeting14-15_May_2007/

- **Almost all ADC tasks show good progress in particular the evolution of the core tasks. A few tasks need changes in the management to reactivate the project.**
- **33 institutions reacted to the Call for Participation “Architecture Implementation Pilot”**
- **For the Ministerial Summit in Cape Town / South Africa, November 2007, 28 demonstrations about early achievements in GEO are proposed; an appropriate selection will be discussed.**
- **With the progress in GEO, a sustainability environment has to be defined for the long term operations.**

- **DI-06-02: “Facilitate improvement of capabilities for global seismographic networks such as GSN, FDSN, DAPHNE, GNSS networks and new ocean bottom networks such as VENUS and NEPTUNE”, presentation: GEO ADCSherpa Report.5.14.07.ppt, no additional comments**
- **AR-07-03: “Global Geodetic Reference Frames”, presentation: geo_adc_ar0703_20070514.ppt; comment: O. Osamu (GEOSEC): GEOSEC will check whether the document GGOS2020 has to be approved by the Plenary because it is no guidance document.**
- **DA-07-01: Interoperability among Digital Elevation Model (DEM) data sets”, presentation: Peter DEM DA-07-01-110507.doc; it is suggested to have a close cooperation with task AR-07-03 (s. above).**
- **AR-06-11: „Protection of radio-frequencies”, presentation: GEO-ADC4 AR-06-11.doc; during the discussion it was questioned whether this is a task for GEO. The telecommunication companies buy the frequencies and GEO will have not the power (influence) to preserve frequency bands from commercial use.**

- AR-07-01: “GEOSS Component and Services Registry”, presentation: GEOSS_Registry_Demo_20070508.ppt;**
- **D. Nebert, U.S. Federal Geographic Data Committee, demonstrated a prototype for the GEOSS Components Registry und GEOSS Service Registry.**
 - **Both are developed in close cooperation with the George Madson University and the Federal Geographic Data Committee (FGDC).**
 - **The registries support the GEOSS Web Portal and the activities of the GEOSS clearinghouse.**
 - **It is intended that not only “high level components” should be registered but also “sub-components” which will require a corresponding taxonomy.**
 - **The description field of the sub-component is included in search herewith the sub-components will be better visibility.**

**AR-07-02: “Architecture Implementation Pilot”,
presentation: 070513_co-chairs-pre-meeting /
New_George_AR-07-02_ADC-4_Tokyo.ppt**

- Lead incorporation of contributed components consistent with the GEOSS Architecture...
- ...using a GEOSS Web Portal and a GEOSS Clearinghouse search facility
- ...to access services through GEOSS Interoperability Arrangements
- “Pilot” - implementation of interoperability arrangements in a persistent environment
- **In April 2007 the CfP has been launched with 28 responses till mid June**
- **On June 5/6 the kick off meeting took place in Frascati. For the EO summit a prototype should be ready for demonstration.**

AR-06-01: “Interoperability Process Pilot Project (IP3)”, presentation: Khalsa_IP3_Tokyo.ppt;

- **The IP3 has no link to AR-07-02; because the Pilot Project should be moved forwards based on existing standards. The project will develop in four phases:**
- **Phase 1 “populating registers”**
 - identify the standards and provide the information to the clearinghouse;
 - systems are provided by Biodiversity, FAO, CEOP and WIS
 - the registration of the systems including the sub-systems is completed.
- **Phase 2 “Cross system interoperability scenarios”;**
 - test will be performed with six scenarios:
 - Flood Risk (presentation: ADC_CEOP3.ppt) ,
 - Species Response to Climate Change (presentation: GBIF_Scenarios_6.ppt),
 - Meningitis Early Warning,
 - Landslide Risk,
 - Fault Lubrication and Seismic Events from Glacier/Ice Sheet Disintegration.
 - based on the GEOSS architecture the interaction of the various components will be proven.
- **Phase 3 “demonstration”; EO summit**
- **Phase 4 “higher level of interoperability”**

In cooperation of
FAO/UNSDI and
ESA a prototype for
a GEO Portal

www.geoportal.org

has been evolved.
Comments and
suggestions are
appreciated.

The screenshot shows the GEO Portal website. At the top, there is a navigation bar with links: Home / About GEOportal / How to use GEOportal / Contacts / News - Events / Advanced Search / Search / Download GEOportal / My GEO. The main content area is divided into several sections:

- Browse Resources by Societal Benefit Areas:** A vertical list of categories including DISASTER, HEALTH, ENERGY, CLIMATE, WATER, WEATHER, ECOSYSTEMS, AGRICULTURE, and BIODIVERSITY.
- Browse Resources by Location:** A section with a globe and a dropdown menu labeled "Select a Location".
- FOCUS ON:** A section titled "IGARSS, 23-27 July 2007, Barcelona, Spain" with a sub-image of a globe and the text "igatss 2007".
- SHOWCASE:** A section titled "The Elbe region in Saxony was affected by heavy flooding following strong rainfall in conjunction with snowmelt in the Krkonose Mountains (Czech Republic). The Elbe river rose to a level of 7.45 meters. In the city of Dresden, areas near the river had to be evacuated. Along the Elbe, whole districts of several towns were flooded. A state of emergency was declared in four Saxony counties." Below this is an image of a flooded river with the label "Dresden" and a "More..." link.
- Right Sidebar:** Contains "Breaking News", "Welcome to GEOportal", "About GEO", "Capacity Building", "GEO NetCast", "Quicks Links", "GEO MEMBERS PARTICIPATING ORGANISATIONS", and "Contributed to GEO by" with logos for ESA and FAO.