

Other Organisations

CEOS/WGISS & WGISS/Subgroups Meeting

Toulouse, France from 12-16 May 2003

By Poul Frederiksen, ISPRS representative to WGISS

The CEOS/WGISS & WGISS/Subgroups Meeting took place in Toulouse, France, 12-16 May 2003. Some 35 members of the various task teams attended the meeting in an extensive programme.

WGISS Subgroup Structure

Wyn Cudlip, BNSC/QinetiQ, introduced the present structure of WGISS, its subgroups and task teams: Two subgroups are active each with a number of Task Teams (TT)

Chair of WGISS is Terry Fisher, Canada Centre for Remote Sensing.

Subgroup Leaders

Technology & Services Subgroup

Chair: Wyn Cudlip, BNSC/QinetiQ

Vice-Chair: Paul Kopp, CNES

Projects and Applications Subgroup

Chair: Ivan Petiteville, ESA

Vice-Chair: Osamu Ochiai, NASDA

Subgroup chairs serve 2-year term.

Task Team Leaders

WGISS Level

CDROM

CEOS Information Infrastructure

WGISS Test Environment

J.P. Antikidis (CNES)

Jeff Smith (NASA)

Mick Wilson (UNEP)

Technology & Services Subgroup

IDN

CEOS Interoperable Catalogues

System

Data Services

Networks

Archive

EOGEO Workshop

GRID

Lola Olsen (NASA)

Jolyon Martin (ESA)

Bernhard Buckl (DLR)

Jeff Smith (NASA)

John Faundeen (USGS)

Clive Best (EC/JRC)

Yonsook Enloe (NASA)

Projects and Applications Subgroup

Global Datasets

Global Mapping Book

WTF CEOP

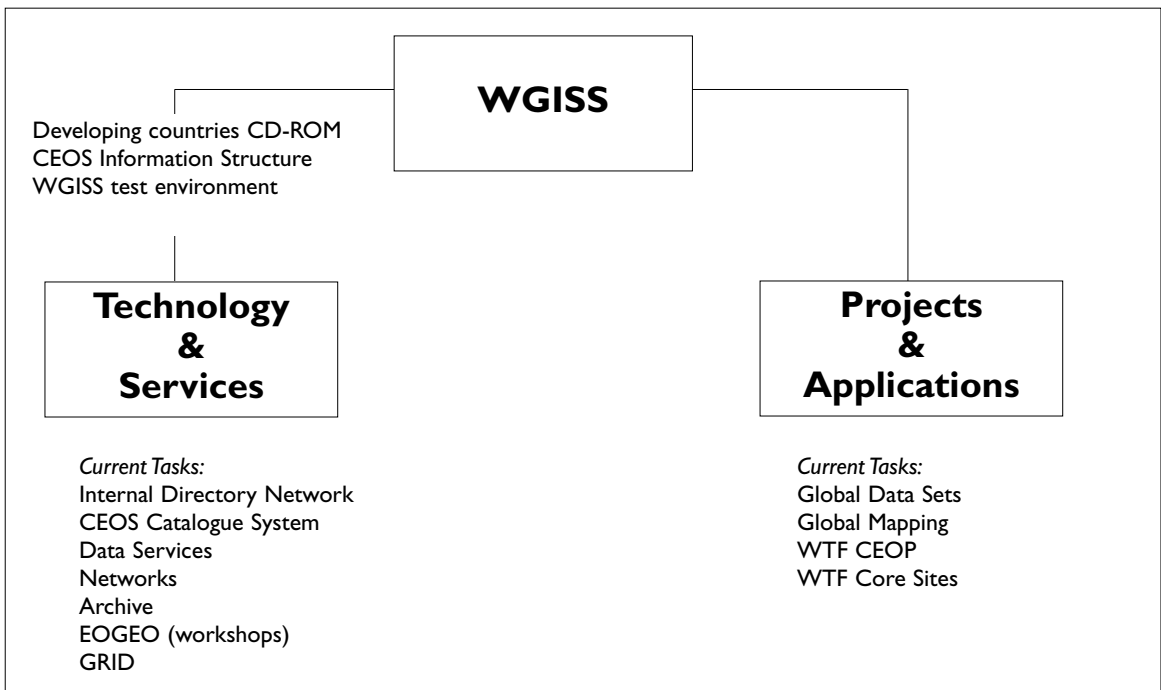
WTF Core Sites (WGCV)

Lorant Czarán (UN)

Mike Botts (UAH)

Osamu Ochiai (NASDA)

John Faundeen (USGS)



WGISS Infrastructure

It was agreed that the web-sites of WGISS should be reviewed for improvement and the mailing lists updated. A change in web-site structure was presented. It was suggested that a professional hosting company for WGISS homepages should be selected in order to ensure uniform layout. Criteria for selecting the company were given.

Global and Regional Datasets

The UN representative said that the Global Datasets Task Team (TT) should take a lead in online service of Landsat data from the nineties (7.000 scenes) and 2.500 scenes from year 2000.

90-metre resolution Shuttle data is available from USGS but the ambition is to achieve a higher resolution (25 – 30 metres). The task is to find procedures and agreements for how to distribute data - the date is there.

The Global Mapping TT has the goal of writing a "Book on Global Map Projections" emphasising the advantage of on-demand reproduction techniques.

Spin-offs could be developing standard sensor model language, input to the ISO working group on Sensor Model Specifications and developing space-time toolkit to aid data visualisation.

GRID

The CEOS GRID TT includes almost all participating organisations. The major ones are NOAA, USGS, NASA and ESA but also University of Alabama and George Mason University are involved. The goal is to link servers from the organisations in such a way that the user can access and integrate data independently of the data hosts. The GRID TT has the overall co-ordination; the Network TT focuses on the firewall and a Technical Team on the functionalities of the nodes. Issues mentioned were certificate authority, metadata and search strategies.

The CEOS GRID was described as a "virtual organisation": a set of resources, i.e. computers, storages and systems.

The certificate authority was discussed and divided into host certificate and user certificate.

It was concluded that the organisations should decide on the use to be allowed:

- Locate data
- Locate services
- Access data
- Access services
- Submit processes for remote execution

Data Service

Following the discussion on GRID an OGC update was given focusing on WMS and WCS (web coverage service) and referring to OGC issues like web pricing, ordering and accounting.

Members of the Data Service TT gave on-line demonstrations of services available from DLR, NASA, USGS, ESA and CNES utilizing OGS concepts.

EOGEO

EOGEO is a series of workshops for developers of Geospatial data services over the Web. It covers a wide field of applications from Earth Observation and GIS to Internet standards. The common themes are Web based solutions to resource discovery, interoperable data access, distributed data services and data fusion.

The latest EOGEO workshop was held in 2002 at the Joint Research Centre, Ispra from May 13 - May 15.

There will be no EOGEO in 2003. The TT will look for other events (organisations) for joint workshops.

Next Meeting

The next CEOS/WGISS & WGISS/Subgroups meeting will take place in Chiang Mai, Thailand, 15 – 19 September 2003.