

## **GGOS Working Group on Outreach and User Linkage**

At the Oxnard meeting it was agreed that improving and maintaining the website was a high priority. GFZ offer to assist in maintaining the website and also including new material on the [www.ggos.org](http://www.ggos.org)

The SC supported the idea of establishing a topic of the month to be published on the web. The topic of the month is supposed to consist of an information sheet (pdf format) that can be downloaded from the [www.ggos.org](http://www.ggos.org) website (and the unr site as well) The sheets can be produced in paper copies and brought to various meetings where GGOS wishes to promote its existence.

The first of these topics has been produced – sea level by Phil Woodworth and will be the topic of the month of July 2007. Richard Gross agreed to write an information sheet on rotation.

In order to be an interesting website the [www.ggos.org](http://www.ggos.org) needs to be alive with frequent new material published. It is still a lot work to be done in order to implement a professional living website.

A part of the outreach plan for GGOS is to contribute to the Outreach plan of GEO. Furthermore the GGOS SC has discussed a contribution to IYPE. The Workshop integrated in the International Geohazard week is another outreach activity aimed at the scientific community and space agencies.

### **Geodetic Journey**

The Geodetic Journey is an outreach activity that aims to promote the field of geodesy to the general public by making journeys that focus on geodesy both today and its history particularly in the region where the journey takes place. The Norwegian Mapping and Cadastre Authority and the Chinese State Bureau of Surveying and Mapping are the responsible partners. See more information in the attachments.

The project Geodetic Journey can serve several objectives of the GGOS/IAG. Below are some very concrete suggestions for involvement from the different elements of the geodetic community.

IAG: Statement from the IAG executive committee supporting Geodetic Journey. We suggest that it is included as a joint activity of the IAG Communication and Outreach Branch and GGOS WG Outreach and User Linkage.

GGOS: Statement from GGOS executive committee supporting the Geodetic Journey. Link to [www.geodeticjourney.info](http://www.geodeticjourney.info).

IGS: Since various use of GNSS will be one of the focus topic of this journey we hope that IGS can support this as well. Link on the website of IGS to the [www.geodeticjourney.info](http://www.geodeticjourney.info)

IGFS: Since different techniques of measuring gravity are the main topic of the journey and geophysical geodesy are of great importance for the future geodetic services we suggest ask IGFS to support this project explicitly also with link to [www.geodeticjourney.info](http://www.geodeticjourney.info). Rene Forsberg has been involved in the project development.

IERS: As for IGS and IGFS.

We already have support from:

NASA: John Labrecque has suggested that Geodetic Journey should be integrated as part of IYPE. In addition we can get satellite picture to use in the project when relevant.

ESA: Both financial and in-kind contributions from ESA has been offered.

Norway: The Norwegian Mapping and Cadastre Authority support the Geodetic Journey both financially and with in-kind contributions. The Research Council of Norway do the same. [www.forskning.no](http://www.forskning.no) is a popular science website (the largest in the Nordic countries) will support us with professional journalists and technical assistance. They will write articles about the Geodetic Journey based on the content of the website [www.geodeticjourney.no](http://www.geodeticjourney.no). A banner with link to the website will be placed on the [www.forskning.no](http://www.forskning.no). Media are frequent users of this website – not only in Norway, reference to this site can be found as far as in China!

China: The Chinese State Bureau of Surveying and Mapping is an active partner and support the project both financially and with in-kind contributions. Chinese National Earthquake Administration, Chinese State Council (Gan Weijun), The Institute for Geographical Science and Natural Resources Research, Chinese Academy of Science, Chinese National Geography, IGSNRR Local Branches of the Chinese State Bureau for Surveying and Mapping, Ministry of Land and Resources are also involved in the project in various ways

Please find attached the draft design of the website [www.geodeticjourney.info](http://www.geodeticjourney.info). We would ask the GGOS2020 writing team and all to contribute with ½-1 page description of the use of geodesy in society (see lower left side of the front website).

The Geodetic Journey could be the GGOS contribution to the GEO Ministerial Exhibition. We will have both extraordinary pictures and video to make it more alive than just the regular posters.

At the International Geohazard Week a tailored exhibition could be extracted from the material.

The Geodetic Journey has already been submitted to the International Year of the Planet Earth. We think that it would benefit GGOS and IAG if it was formally a proposal (and contribution) from not only Norway and China but GGOS/IAG to the IYPE.

### **GGOS Leaflet**

So far there hasn't been enough resources available to produce a leaflet. However, using the text prepared by Hans-Peter Plag for the International Geohazards Week in November is till a good idea. In addition we could add the examples of geodesy in society (Earth Observation, climate change, water cycle, geohazard, navigation, Surveying and mapping) written for the Geodetic Journey on the leaflet as well.

#### *Proposed general content of the leaflet:*

The Global Geodetic Observing System (GGOS) of the International Association of Geodesy (IAG) is coordinating the geodetic support for the Earth sciences. Building upon the work of the IAG Services, GGOS provides the geodetic infrastructure necessary to support the monitoring of the Earth system and global change research. It is integrating the three pillars of geodesy, that is geometry and kinematics, Earth orientation and rotation, and gravity field and dynamics, in order to maximize the benefit for the scientific community and society in general.

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### **More Information about GGOS**

[www.ggos.org](http://www.ggos.org)

Examples from geodesy in society.

### **Charter**

The and Outreach and User Linkage Working Group is working towards [a plan for ] an integration of the IAG services in GGOS and an integration of geodesy [GGOS] in other sciences, international and regional organizations and system such as IGOS-P, GEOSS and United Nation authorities. The WG coordinates the drafting and development of a GGOS presentation and outreach strategy. Contact with the other IAG bodies and activities is important to ensure a common and holistic mode of operation.

The WG facilitates the process (including encouraging active involvement by the user communities) of identifying and describing the user requirements from the different user groups within scientific/geophysical disciplines, techniques, non-scientific organizations, national authorities, industry and others.

Hønefoss, 29. June 2007

Bente Lilja Bye