



## BACKGROUND

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 (geometry and kinematics, Earth orientation and rotation, and gravity field and dynamics) in order to maximize the benefit for the scientific community and society.

With the global geodetic reference frames and observations of the variations in the Earth's shape, gravity field, and rotation, GGOS provides fundamental contributions to the Global Earth Observation System of Systems (GEOSS). In a detailed strategy process carried out in the framework of the GEO Work Plan (Task AR-07-03), GGOS is currently developing the plan for a geodetic observing system that will meet future requirements of science and society in general and GEOSS in particular. To a large extent, the Workshop will be based on the results of the strategy process and discuss steps towards the implementation of the recommendations given in the strategy report.

## OBJECTIVES

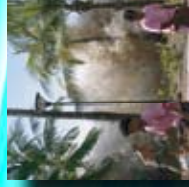
The 2007 GEO/GGOS Workshop is integrated into the International Geohazards Week 2007. The Workshop is intended as an outreach activity of GGOS to both the space agencies and users. The Workshop will discuss the current and future contributions of GGOS to Earth observations and, in particular, an observing system for geohazards applications. The Workshop will be organized to help facilitate the communication between scientific user communities and those who will provide the geodetic products. Therefore, the Workshop will be organized in conjunction with the Third International Geohazards Workshop, organized by the IGOS-P Geohazards Theme, which will take place after the GEO/GGOS Workshop.

## PARTICIPATION

The workshop is open to all beneficiaries of GGOS observations and products and, in particular, beneficiaries of coordinated multiple use strategies: the governmental organizations responsible for civil protection and land use planning, the scientific communities, the survey institutions, the space agencies, and in general the producers and users of Earth observations.



*The 2007 International Geohazards Week [5-9 November 2007]*



*The 2007 GEO/GGOS Workshop about the **Global Geodetic Observing System Contribution to GEOSS and an Observing System for Geohazards and Disaster Prevention***

*5-6 November 2007, ESA-ESRIN, Frascati Rome, Italy*



GROUP ON  
EARTH OBSERVATIONS



<http://www.ggos.org>

## PROGRAM

The Workshop program will be organized in three half-day sessions, addressing observation, interpretation, and application to geohazards.

The sessions are:

- **Session 1: Observing changes in Earth's shape, rotation and gravity field with an integrated observing system**
- **Session 2: Understanding the Earth system: The contribution of GGOS**
- **Session 3: GGOS and geohazards: Providing the backbone of a solid Earth observation system for geohazards**

## THE 2007 INTERNATIONAL GEOHAZARDS WEEK

The European Space Agency is hosting the 2007 International Geohazards Week from 5th to 9th November 2007 at ESRIN, Frascati, Italy.

The following events are scheduled:

- **The 2007 GEO/GGOS Workshop, November 5-6, 2007.** The 2007 GEO/GGOS Workshop is a GEO event that contributes to GEO Task AR-07-03
- **The 3rd International Geohazards Workshop, organized by GEO and the IGOS Geohazards Theme, November 6-9, 2007.**
- **User Workshops of ESA Geohazards projects will also be organized during the same week.**

## ABSTRACT SUBMISSION

Abstracts for oral presentations and posters will be accepted up to August 31, 2007. Abstract submission will be through the web page at ESA. Most oral presentations will be invited. However, there will be room for some contributed oral papers. Abstracts for posters addressing all topics relevant to the three sessions are welcome.

## SCHEDULE AND DEADLINES

First Circular	April 5, 2007
Registration Opening	April 12, 2007
Deadline, submission of abstract	August 31, 2007
Notification of acceptance	September 10, 2007
Full program available	October 5, 2007
Deadline, registration	October 20, 2007

## PROGRAM AND ORGANIZING COMMITTEE

Markus Rothacher	GGOS, Chair of GGOS Steering Committee
Hans-Peter Plag	GGOS, Vice-Chair of GGOS Steering Committee
Ruth Neilan	GGOS, Vice-Chair of GGOS Steering Committee
Chopo Ma	GGOS Executive Committee
Michael Pearlman	GGOS Executive Committee
Susanna Zerbini	GGOS Executive Committee
Bente Lilja Bye	Chair of GGOS WG on Outreach and User Linkage
Gonéri Le Cozannet	IGOS Geohazards Bureau
Marc Paganini	IGOS-P Geohazards, European Space Agency
Osamu Ochiai	GEO Secretariat

## MISCELLANEOUS

The official language of the Workshop is English. A registration fee of 100 € will be charged. Participants are expected to finance their own travel and accommodation. Specific funding for Workshop participants may be available through the Organizing Committee. Refer to the GGOS Secretariat for financial support.

## CONTACTS

### WORKSHOP PROGRAM

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### LOCAL ORGANIZING COMMITTEE

Marc Paganini, ESA  
marc.paganini@esa.int

### WORKSHOP REGISTRATION HOTEL AND TRANSPORTATION

ESA Conference Bureau  
esa.conference.bureau@esa.int  
Tel: +39-06-9418-0912  
Fax: +39-06-9418-0902

## WEBSITES

Logistic information is available at  
<http://earth.esa.int/workshops/2007Geohazards>

More information on GGOS background and workshop program is available at:  
<http://www.ggos.org>  
[http://geodesy.unr.edu/ggos/ggosws\\_2007/](http://geodesy.unr.edu/ggos/ggosws_2007/)

