



Invitation and Call for Abstracts

to

A Workshop on Real-time Transmission and Processing Techniques: Improving the Global Sea Level Observing System's contribution to multi-hazard warning systems

**Intergovernmental Oceanographic Commission of UNESCO
Paris, France
5 June 2007**

As a consequence of the 2004 Indian Ocean tsunami, nations are more aware of the critical need for the provision of real time sea level observation and many have started to upgrade their sea level networks to facilitate this. During the 9th session of the Group of Experts for the Global Sea Level Observing System (GLOSS) (24-25 February 2005, Paris), GLOSS affirmed its commitment to transforming and sustaining its Core Network of sea level stations to an operational global network that can provide data with sufficient frequency of sampling and sufficient timeliness of reporting to meet the needs of the broad community of users of sea level data (see also GLOSS GE9 communiqué <http://www.gloss-sealevel.org/news/documents/ge9communique.pdf>).

A workshop will be held back-to-back with the 10th session of GLOSS Group of Experts (6-8 June, 2007, Paris) to present new developments and review best practices in the areas of:

- Tide Gauge Technology
- Real Time Data Transmission Systems
- Automatic Data Quality Control
- Real time Sea Level Observation Products

The workshop is expected to review existing possibilities of sea level data transmission and automatic data processing in real or near-real time, bringing together experience and best practice of sea level networks already contributing to tsunami or storm surge warning systems in the world. Identification of problems of actual systems and new ideas for reducing the latency, especially for tsunami monitoring purposes, are also expected to be addressed.

It is envisaged that the workshop will take the form of talks by invited experts, accompanied by individual presentations. Poster presentations are also welcome.

Abstracts (in Word or pdf) should be sent by e-mail to Begoña Pérez, Chair of the GLOSS Technical Sub Group, (bego@puertos.es and copied to t.aarup@unesco.org and markm@soest.hawaii.edu) by no later than April 20, 2007. A workshop proceeding will be published.

There is no workshop fee but participants are expected to cover their own travel and lodging costs.

PRACTICAL INFORMATION

The IOC is based in Paris, France in the Headquarters of the United Nations Educational, Scientific and Cultural Organization (UNESCO).

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Information about hotels, local transportation, visa etc. can be found at:
<http://www.ioc-goos.org/glossge10>

Additional information can also be obtained from Dr. Thorkild Aarup, GLOSS Technical Secretary (t.aarup@unesco.org).