

IUGG Tsunami Commission Business Meeting

The IUGG tsunami commission meeting was held on Tuesday June 28, 2005 18:30-20:30 at Panorama Hotel, Chania, Greece. Following commission members attended the meeting: Abe, Borrero (new member), Downes, Fujima (new member), Gusiakov, Kanoglu (new member), Levin, Marchuk, Matsutomi, Okal, Papadopoulos, Pelinovsky, Rabinovich, Satake, Singh (new member), Stephenson, Titov and Yalciner. Other observers from participants to the International Tsunami Symposium also attended to the meeting.

The meeting was announced on Tsunami Bulletin Board on June 17, 2005 with a preliminary agenda.

1. Chairman's report on the activity of the Commission in 2003-2005 (Satake)

Kenji Satake, Chairman of Commission reported the activity since previous meeting (July 2003). The activity included sponsoring the tsunami related meetings, conferences and workshops and publications of their proceedings, coordination of tsunami related projects, interaction with the IOC/UNESCO (ICG/ITSU) and the IUGG official bodies (Associations and commissions), supporting information and data exchange.

In September 2003, the Commission jointly organized the Joint IUGG/TC- ICG/ITSU Workshop "Tsunamis in the South-West and Central Pacific - research towards preparedness and mitigation", Wellington, New Zealand, September 25 to 26, 2003 (in conjunction with the XIX Session of the ICG/ITSU).

In November 2004, The Tsunami Commission made request for \$21,500 to IUGG support for Inter-Association Initiatives for (1) distribution of the 2003 Proceedings volumes to tsunami warning centers around the Pacific (\$2,500) and (2) travel support for participants to 2005 ITS meeting (\$19,000). IUGG fully funded for (1), while allocated \$8,000 for (2).

After the December 2004 tsunami in Indian Ocean, members of Commission attended many meetings including United Nations World Conference on Disaster Reduction (January 2005 in Kobe), International Coordination Meeting for the development of Tsunami Warning and Mitigation System for the Indian Ocean within a Global Framework (UNESCO/IOC, March 2005 in Paris and April in Mauritius).

More importantly, information on tsunami damage, survey plans and obtained data or research results have been exchanged and discussed through Tsunami Bulletin Board. Since December 26, about 800 mails were posted to the Bulletin, and about a half of them were within a month of the tsunami event.

2. Publication of Proceedings of the 2003 Symposium

According to the long-term commission tradition, the biannual tsunami symposia are followed by publication of the volume of selected papers. In the previous Commission meeting, it was decided to publish the 2003 IUGG Tsunami Symposium proceedings as a volume of the selected papers in the Kluwer's series "Advances in Natural and Technological Hazards Research" with Kenji Satake as the Chief Editor.

Kenji Satake reported that a book titled "Tsunamis: case studies and recent developments" was published from Springer (because Kluwer was merged with Springer in June 2004) in June, 2005,

just before the meeting. It contains 20 papers in a volume of 343 pages; a copy was circulated to the members.

Satake also reported that the Commission will receive (with IUGG support mentioned above) 73 copies of the book for distribution to Tsunami Warning Centers in the Pacific and other oceans. They will be presented to at the next ICG/ITSU meeting to be held in October 2005 in Santiago, Chile.

3. Report on preparation of the 2005 Tsunami Symposium

Gerassimos Papadopoulos, chair of the Local Organizing Committee, reported about the Tsunami Symposium. The symposium attendants are 90 from more than 20 countries, and 86 papers (73 oral presentations and 13 posters) are scheduled.

The above-mentioned IUGG funds (US \$8,000) were used to support 10 participants for Asian countries or developing countries. Other financial supports from National Observatory of Athens, PROBANK and IFIPCO, all in Greece were acknowledged.

4. Publication of Proceedings of the 2005 Symposium

Gerassimos Papadopoulos, co-chair of the International Steering Committee proposed to publish two special issues in peer-reviewed journals; one on tsunamis in Mediterranean Sea and the other on Indian Ocean tsunamis and other topics.

It was pointed out that special issues on the Indian Ocean tsunami are being planned for: Earth Planets and Space, submission deadline is June 30 and publication planned in December 2005. Bull. Seism. Soc. Am., submission deadline is December 30 and publication planned in December 2006.

International J. Remote Sensing, published from Taylor and Francis (UK), submission deadline is July 31.

After some discussion, it was agreed to make following two special issues.

- (1) Tsunamis in the European Seas
Annales of Geophysics
editors: G.A. Papadopoulos and S. Tinti
- (2) Other topics, including the Indian Ocean Tsunami
Topical issue of Pageoph (published from Springer)
editor: Satake and Okal

The editors will first contact with the publishers, then will notify the participants. The submission deadline will be around the end of 2005 and publication will be before the 2007 IUGG meeting.

5. Election of new Commission members

Following new members were nominated by current member, and approved by the Committee.

Jose Borrero (Univ. Southern California, USA) nominated by Titov
Koji Fujima (National Defense Academy, JAPAN) nominated by Matsutomi
Utku Kanoglu (Middle East Technical Univ. TURKEY) nominated by Yalcier

Christofer Koutitas (Aristotle Univ. of Thessaloniki, GREECE) nominated by Papadopoulos
Ramesh Singh (Indian Institute of Technology, INDIA) nominated by Yalcier

6. Information exchange and compilation on our activity on the Indian Ocean tsunami

Regarding the 2005 Indian Ocean tsunami, actions to be taken by the Committee were discussed.

Various suggestions were made, including setting up the IUGG Tsunami Commission website, adopting a resolution by the Commission, report of 2005 International Tsunami Symposium to newsletters such as Eos, recommendation to ICG/ITSU, exchanging information on tsunami surveys.

After some discussion, it was agreed to organize the following three Working Groups to compile information on the 2004 Indian Ocean tsunami.

Working Groups

- (1) 2004 Tsunami Measurements Data
Gusiakov, Yalciner, Fujima, Borreo
- (2) 2004 Tsunami instrumental data (tide gauges)
Rabinovich, Iwasaki, Gonzalez
- (3) 2004 Tsunami satellite data
Okal, Titov

The working groups will first discuss the format of data to be collected, then request to provide data to the community through Tsunami Bulletin Board. The collected data will be finally compiled in CD or other forms and to be provided to the community as well as National Geophysical Data Center (NOAA) for distribution.

7. Announcements for future meetings

Slava Gusiakov announced IUGG-TC ICG/ITSU joint workshop "Large Recent Tsunamis in the Indian Ocean and Other Regions" to be held in Santiago, Chile, September 29-30, 2005 in conjunction with ITSU-XX. The convener are Emilio Lorca (Chile), Viacheslav Gusiakov (Russia), and Francois Schindele (France).

The next Tsunami Symposium will be held during IUGG 14th General Assembly, to be held in July 2-14 in Perugia, Italy.

About the 2009 Tsunami Symposium, the Commission noted that offer was made in 2003 from ICMMG SD RAS to hold in Novosibirsk, Russia. At present, no other offer has reached, but the venue will be decided at the next business meeting to be held in 2007.

8. Other business

Dr. A. Maramai, INGV (Rome, Italy) reported on the Resolution of IOC about the creation of an intergovernmental working group for the establishment of TWS in the Mediterranean Sea and other European Seas.