



Report on the activities of the IUGG Joint Tsunami Commission 2017

The IUGG Tsunami Commission (IUGG/TC) is an Inter-Association Commission responsible for international coordination of tsunami related meetings, research, and publications. It is jointly sponsored by IASPEI, IAPSO and IAVCEI and was established at the 12th General Assembly of IUGG in Helsinki, Finland in 1960 to promote the exchange of scientific and technical information about tsunamis. The IUGG/TC membership comprises an international group of scientists concerned with various aspects of tsunamis, including an improved understanding of the dynamics of generation, propagation and coastal run-up and the consequences to society of the tsunami hazard.

IUGG Tsunami Commission website contains the current information about the Commission activities and upcoming meetings
<http://research.jisao.washington.edu/tsunamicommission/>

Chair: **Vasily Titov** (USA)

Vice-Chair: **Fumihiko Imamura** (Japan)

Vice-Chair: **Ahmet Yalciner** (Turkey)

Secretary: **Phil Cummins** (Australia)

The activities of the IUGG Joint Tsunami Commission were discussed at the IUGG General Assembly in Prague, Czech Republic during the Commission business meeting on June 29, 2015. The officers of the commission were nominated by the Commission election committee and re-elected for the second term.

IUGG Joint Tsunami Commission Business Meeting Prague, Czech Republic, June 29, 2015

Agenda:

1. Adoption of the agenda
2. Activity Reports of Commission
 1. Meetings
 2. Publication of 2013 proceeding
3. Activity Reports of Working Groups
4. New Working Groups?
5. Nomination of new members
6. JTC officers election
7. Potential venues for 2017 meeting
8. Publication of 2015 proceedings volume

The Minutes of the meeting are published on the JTC website (also attached).

Meetings

- International Tsunami Symposium Commemorating 50th Anniversary of the Pacific Tsunami Warning and Mitigation System, Making the Pacific Ready for the Tsunami Threat, 20-21 April 2015, NOAA Inouye Regional Center, Oahu, Hawaii.
- Tsunami symposium, during the 26th IUGG General Assembly (Prague, Czech Republic, June 22-July 2, 2015). JP5 Tsunamis. Convener: Vasily Titov, Seattle, USA, Co-conveners: Alexander Rabinovich, Moscow, Russia; Stefano Tinti, Bologna, Italy.
- (upcoming) 27th International Tsunami Symposium, ITS 2017, 21-25 August 2017, Bali, Indonesia.
- (upcoming) 2017 Joint IAPSO-IAMAS-IAGA Assembly, P05 - Advances in Monitoring, Detecting, Understanding, Hazard Assessment and Forecasting of Mean and Extreme Coastal Sea Level. 27 August -1 September 2017, Cape Town, South Africa.

Members of the Tsunami Commission actively participated in organization of numerous tsunami sessions in AGU, EGU, AOGS General Assemblies and other Int. conferences, and also sessions of national level in 2015-2017.

The Commission actively coordinated with UNESCO International Oceanographic Commission (IOC) Tsunami Program. Tsunami commission members and officers regularly participate in the IOC expert meetings and regional Inter-governmental Coordination Groups (ICG) meetings.

Publications

The commission publishes Tsunami Symposium proceedings and current tsunami research in several peer-review journals as topical volumes and special publications. It also coordinates with the Tsunami Society International and its publication of the open-access journal "Science of Tsunami Hazards".

- **Tsunamis in the Pacific Ocean: 2011-2012**, 21 papers, *Pure and Applied Geophysics*, 2014, 171, No. 11, Editors: Alexander Rabinovich, Jose Borrero and Hermann Fritz.
- **Meteorological Tsunamis**, 16 papers, *Natural Hazards*, 2014, 1974, no.1, Editors: Ivica Vilibić, Sebastian Monserrat and Alexander Rabinovich.
- **Tsunami Science: Ten years after the 2004 Indian Ocean Tsunami, Volume I**, 22 papers, *Pure and Applied Geophysics*, 2015, 172, No3/4, Editors: Alexander Rabinovich, Eric Geist, Hermann Fritz and Jose Borrero.
- **Tsunami Science: Ten years after the 2004 Indian Ocean Tsunami, Volume II**, 18 papers, *Pure and Applied Geophysics*, 2016, 172, No3/4, Editors: Alexander Rabinovich, Eric Geist, Hermann Fritz and Jose Borrero.
- **The Chile-2015 (Illapel) Earthquake and Tsunami**, 22 papers, *Pure and Applied Geophysics*, 2017, Editors: Braitenberg, Carla, Rabinovich, Alexander B., 2017
- **Global Tsunami Science: Past and Future, Volume I**, 26 papers, *Pure and Applied Geophysics*, 2017, Editors: Geist, E.L., Fritz, H.M., Rabinovich, A.B., Tanioka, Y.