



9th Tsunami and Safety Symposium at ISOPE-2020



Shanghai, China, June 14–19, 2020

First

Call for Papers

Covering devastating coastal hazards such as the 2011 Japanese Tsunami, the 2010 Chilean Tsunami, and the 2004 Sumatra Tsunami, the first **Tsunami and Safety Symposium** was successfully organized and held during the annual ISOPE conference in 2012, discussing future disaster mitigation measures over the world and the challenges faced by the scientific and engineering communities. The symposium provided a timely platform to present recent research findings and to share experiences with other leading worldwide researchers in this field. In 2020, we hold the 9th **Tsunami and Safety Symposium** as part of the annual ISOPE-2020 Conference.

ISOPE invites you to submit an abstract to the ISOPE-2020 **Tsunami and Safety Symposium**.

Suggested Technical Topics

The following topics are equally important but not extensive. Relevant papers of good quality are all welcome:

- Physical Process in Tsunami Generation, Deepwater Propagation, Nearshore Transformation and Flooding on Land
- Coastal Hydrodynamic and Geotechnical Issues Caused by Earthquake and Subsequent Tsunami
- Tsunami Detection by Deepwater Seabed Sensors, Buoys and Radar (ground, aircrafts and satellites)
- Experimental and Numerical Methods on Tsunami
- Comprehensive Simulation Model for Tsunami Runup; Deformation of Structures; Seabed and Land Scouring; Drift of Vessels, Containers and Debris; Oil Diffusion and Fire
- Tsunami Protection/Reduction Measures (i.e. resilient coastal protection structures, green belt, etc.)
- Worst Case Scenario and Resilient Coastal Community
- Evacuation Simulation and Safe Evacuation Planning for people and vessels
- AI and IoT Technologies for Disaster Prevention/Mitigation Measures and Tsunami Prediction
- Post-Event Problems (i.e. tidal flooding, landslide, floating debris, etc.)

All papers accepted upon peer-review will be published in ISOPE conference proceedings indexed by Engineering Index, EI (Compendex), Scopus, Thomson ISTP, Google Scholar and more. High-quality papers may be selected for further review for publication in *The International Journal of Offshore and Polar Engineering*, indexed by Science Citation Index- E.

Key Dates

Abstract due:	20 October 2019
Manuscript for Review:	15 January 2020
Final Revised Manuscript due:	24 March 2020

Submit *online* at <http://www.isopec.org/index.php/online-submission/> with ‘Tsunami’ being in the ‘invited by’ box: General Topic Hydrodynamics; primary 54 Tsunami, secondary 54 Tsunami.

Or email abstracts to meetings@isopec.org with topic keyword ‘ISOPE-2020 Tsunami’ in your e-mail **subject line**, or to the SOC members below.

Abstracts must include the contact author’s full postal address, telephone and fax numbers, and e-mail address to facilitate communications. Other information about ISOPE-2020 can be found at <http://www.isopec.org>.

Symposium Organizing Committee (SOC)

Dr. Hiroyasu Kawai, PARI, National Institute of Maritime, Port and Aviation Technology, Japan; kawai-h89s1@p.mpat.go.jp

Mr. K. Honda, National Institute for Land and Infrastructure Management, Japan; honda-k852a@mlit.go.jp

Prof. T. Hiraishi, Kyoto University, Japan; hiraishi.tetsuya.2c@kyoto-u.ac.jp

Prof. Jin S Chung, ISOPE, USA, jschung@isopec.org

Dr. Naoyuki Inukai, Nagaoka University of Technology, Japan; inu@nagaokaut.ac.jp

Prof. Hua Liu, Shanghai Jiao Tong University, China; hliu@sjtu.edu.cn

Prof. S. Yan, City University London, UK; s.yan@city.ac.uk