

## Special Issue

# Tsunamis and Tsunami Warnings: Recent Progress and Future Prospects

### Message from the Guest Editors

The ocean brings many benefits to humans, but it also has a dangerous side. One of the dangers presented by the ocean is tsunamis. Tsunami countermeasures, warning systems, and evacuation facilities need to be continuously improved. To create these and make them function effectively, it is necessary to consider the characteristics exhibited by tsunamis in various phases such as tsunami generation, propagation, attack on structures, and the transportation of sediments and debris. Various techniques are required to understand these phenomena, such as theoretical, numerical, and experimental approaches, as well as real-time observation of water level, ground displacement, land slide, volcanic activity, atmospheric pressure, etc., for forecasting and data assimilation. Furthermore, we should carry out risk management using fragility curves, supply chains, business continuity plans, etc. This Special Issue collects cutting-edge research—articles and reviews—in various fields related to tsunamis, and is intended to be of use for future research on tsunami disaster prevention and mitigation.

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### Guest Editors

Dr. Taro Kakinuma

Graduate School of Science and Engineering, Kagoshima University,  
Kagoshima 890-0065, Japan

Dr. Kei Yamashita

Nuclear Regulation Authority, Tokyo 106-8450, Japan

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### Deadline for manuscript submissions

closed (10 June 2023)



## Journal of Marine Science and Engineering

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Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[jmse@mdpi.com](mailto:jmse@mdpi.com)

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## About the Journal

### Message from the Editor-in-Chief

*Journal of Marine Science and Engineering (JMSE, ISSN: 2077-1312)* focuses on research in the fields of Ocean Engineering, Coastal Engineering, Physical Oceanography, Geological Oceanography, Marine Biology, and Marine Environmental Science. It publishes reviews, regular research papers, and short communications, as well as Special Issues on particular subjects. Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the maximum length of the papers.

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### Editor-in-Chief

Prof. Dr. Charitha Pattiaratchi

School of Engineering, The UWA Oceans Institute, The University of Western Australia, Perth, WA 6009, Australia

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#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.5 days after submission; acceptance to publication is undertaken in 2.5 days (median values for papers published in this journal in the second half of 2025).