

Special Issue

Tsunami Science and Engineering II

Message from the Guest Editor

Earthquake-tsunamis, including the 2004 Indian Ocean Tsunami, with over 230,000 casualties, and the 2011 Tōhoku Tsunami in Japan, with over 18,400 people missing or dead, serve as tragic reminders that such waves pose a major natural hazard to human beings. Landslide-tsunamis, including the 1958 Lituya Bay case, may exceed 150 m in height and, if similar waves are generated in lakes or reservoirs (so-called impulse waves), then they may overtop dams and cause significant devastation downstream, such as in the 1963 Vaiont case with around 2000 casualties.

This Special Issue aims to repeat the success of “Tsunami Science and Engineering” where 12 articles were published between 2014 and early 2016, after a rigorous peer-review process. This relaunch “Tsunami Science and Engineering II” aims to reflect our current understanding of tsunamis and tsunami mitigation, irrespective of the mechanism by which they are generated: earthquakes, landslides, underwater slumps, asteroids, etc. We welcome research papers, reviews (state of the art) and case studies addressing tsunamis and/or impulse waves theoretically, experimentally, numerically and/or based on field studies.

Guest Editor

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Deadline for manuscript submissions

closed (31 March 2019)



Journal of Marine Science and Engineering

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.0



mdpi.com/si/13352

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Engineering*
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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.

Editor-in-Chief

Prof. Dr. Charitha Pattiaratchi

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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).