



## Tsunami Science and Engineering II

Guest Editor:

**Dr. Valentin Heller**

Environmental Fluid Mechanics  
and Geoprocesses Research  
Group, Department of Civil  
Engineering, Faculty of  
Engineering, The University of  
Nottingham, Nottingham NG7  
2RD, UK

Deadline for manuscript  
submissions:

**closed (31 March 2019)**

### 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.





an Open Access Journal by MDPI

## Editor-in-Chief

**Prof. Dr. Tony Clare**

School of Natural and  
Environmental Sciences,  
Newcastle University, Newcastle  
upon Tyne NE1 7RU, UK

## Message from the Editor-in-Chief

The *Journal of Marine Science and Engineering* (JMSE; ISSN 2077-1312) is an international peer-reviewed open access journal which provides an advanced forum for studies related to marine science and engineering. The journal aims to provide scholarly research on a range of topics, including ocean engineering, chemical oceanography, physical oceanography, marine biology and marine geosciences. We invite you to publish in our journal sharing your important research findings with the global ocean community.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed with Scopus, SCIE (Web of Science), GeoRef, Inspec, AGRIS, and other databases.

**Journal Rank:** JCR - Q1 (*Engineering, Marine*) / CiteScore - Q2 (*Ocean Engineering*)

## Contact Us

---

*Journal of Marine Science and  
Engineering* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/jmse](http://mdpi.com/journal/jmse)  
[jmse@mdpi.com](mailto:jmse@mdpi.com)  
[X@JMSE\\_MDPI](#)