



## Design, Analysis and Maintenance of Green Innovative Marine Structures

Guest Editors:

**Prof. Dr. Joško Parunov**

Faculty of Mechanical  
Engineering and Naval  
Architecture, University of  
Zagreb, Zagreb, Croatia

**Prof. Dr. Yordan Garbatov**

Centre for Marine Technology  
and Ocean Engineering  
(CENTEC), Instituto Superior  
Técnico, Universidade de Lisboa,  
1049-001 Lisbon, Portugal

Deadline for manuscript  
submissions:

**closed (15 June 2023)**

### Message from the Guest Editors

Dear Colleagues,

We are proposing a new Special Issue (SI) that covers diverse research topics related to the structural design, analyses, and maintenance of marine structures. Our aim is to open new discussions on and perspectives of the integral framework of green marine structural design in the era of climate change. All types of floating and fixed marine structures are covered by this SI, including conventional and autonomous ships, manned and unmanned submarines, offshore structures, and renewable energy devices. However, this SI also focuses on the structural behaviour and requirements for designing safe, efficient and environmentally friendly marine structures. Studies on the general design and operational issues related to marine structures are also invited. Analytical, numerical, and experimental studies, as well as a review of state-of-the-art advances related to the marine structures and new topics related to the innovative green design of marine structures as a response to the climate change, are most welcome. All submissions will be subject to a rapid reviewing process, which will be provided to ensure that the highest quality papers are included in this SI.





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

mdpi.com/journal/jmse  
jmse@mdpi.com  
X@JMSE\_MDPI