



## Innovative Strategies for Coastal Risk Monitoring, Modelling and Management

Guest Editors:

**Prof. Dr. Renata Archetti**

Dipartimento di Ingegneria Civile,  
Ambientale e dei Materiali,  
Università di Bologna, Bologna,  
Italy

**Prof. Dr. Leonardo Damiani**

Department of Civil,  
Environmental, Building  
Engineering and Chemistry  
(DICATECh), Politecnico di Bari,  
70126 Bari, Italy

Deadline for manuscript  
submissions:

**closed (31 December 2021)**

### Message from the Guest Editors

This Special Issue invites original scientific contributions on topics including:

Coastal monitoring technologies.

Coastal risk analysis.

Unconventional coastal defense strategies (ejectors in the sea, beach reshaping, etc.) and innovative nature-based solutions

Unconventional artificial coastal structures, studied by means of numerical modelling, laboratory tests, and prototypes observation.

Coastal numerical modelling.

Impact assessment in management strategies.

Climate change.

Research articles, review articles and case studies are welcome; interdisciplinary contributions considering physical, ecological, and technological aspects are particularly encouraged.





## Editor-in-Chief

**Prof. Dr. Charitha Pattiaratchi**

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

## 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), Ei Compendex, GeoRef, Inspec, AGRIS, and other databases.

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

## Contact Us

---

*Journal of Marine Science and  
Engineering* Editorial Office  
MDPI, Grosspeteranlage 5  
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](#)