



## Renewable Energies and Ocean Technologies: Challenges to the Green and Blue Economy

Guest Editors:

**Prof. Dr. José António Correia**

**Prof. Dr. Shun-Peng Zhu**

**Dr. Nicholas Fantuzzi**

**Dr. Yuming Liu**

**Prof. Dr. Lance Manuel**

Deadline for manuscript  
submissions:

**closed (31 December 2021)**

### Message from the Guest Editors

This Special Issue will be a discussion of new research concepts, equipment, technology, materials and structures, and other scientific advances within the field of power generation and transmission, estuarine, coastal, offshore, and deepwater engineering with particular reference to developments, exploration, installation, application, and utilization of offshore resources.

This Special Issue also covers topics related to research, design, and construction of wind engineering and renewable energy, computational mechanics and design optimization, instrumentation and testing, structural integrity and life extension of structures, wind and wave dynamics, sedimentation, structural/stress analysis, soil mechanics, material research, and economic, environmental, and legal aspects.

The Guest Editors of this Special Issue on renewable energies and ocean technologies hope to include contributions from engineers, metallurgists, and scientists, among others, allowing for a multidisciplinary discussion.





an Open Access Journal by MDPI

## Editor-in-Chief

**Prof. Dr. Charitha Pattiaratchi**  
Oceans Graduate School and 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), GeoRef, Inspec, AGRIS, and other databases.

**Journal Rank:** JCR - Q1 (Engineering, Marine) / CiteScore - Q2 (*Civil and Structural 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

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