

## Special Issue

# Marine Metrology and Oceanographic Measurements 2020

### Message from the Guest Editors

Characterization of the status of the oceans has a particular significance from an environmental point of view, particularly in relation to climate change. Many physical and chemical parameters (essential climate variables) are monitored worldwide, and their long-term determination is of utmost importance to support climate change modeling. The reliability of such measurements is an essential feature to discriminate between natural variations or systematic trends. In this framework, there is a growing need to build a strong metrological infrastructure for marine measurements to support the worlds of marine observation and data management. The aim of this Special Issue is to collect valuable contributions on the developments and achievements in the fields of marine metrology and oceanographic observations, including method development, sensors characterization, and data quality and management. This Special Issue will host selected papers from the “2020 IMEKO TC-19 International Workshop on Metrology for the Sea”, but other contributions are also welcome.

### Guest Editors

Dr. Francesca Rolle

Istituto Nazionale di Ricerca Metrologica, Turin, Italy

Dr. Michela Sega

Istituto Nazionale di Ricerca Metrologica (INRiM), National Institute of Metrological Research, Turin, Italy

### Deadline for manuscript submissions

closed (25 June 2023)



## Journal of Marine Science and Engineering

an Open Access Journal  
by MDPI

Impact Factor 2.8  
CiteScore 5.0



[mdpi.com/si/47934](https://mdpi.com/si/47934)

*Journal of Marine Science and Engineering*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[jmse@mdpi.com](mailto:jmse@mdpi.com)

[mdpi.com/journal/jmse](https://mdpi.com/journal/jmse)





# Journal of Marine Science and Engineering

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.8  
CiteScore 5.0



[mdpi.com/journal/  
jmse](https://mdpi.com/journal/jmse)



## About the Journal

### 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.

---

### Editor-in-Chief

Prof. Dr. Charitha Pattiaratchi  
School of Engineering, The UWA Oceans Institute, The University of  
Western Australia, Perth, WA 6009, Australia

---

### Author Benefits

#### 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)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is  
provided to authors approximately 15.6 days after  
submission; acceptance to publication is undertaken in 1.9  
days (median values for papers published in this journal in  
the first half of 2025).