

## Special Issue

# Application of Coastal/Ocean Sensors and Systems

### Message from the Guest Editors

Addressing recent needs for extended spatial and temporal in situ ocean data, new research is implemented worldwide to develop and apply cost-effective subsea in situ sensors suitable for large scale production and capable of integration in existing and forthcoming monitoring/observation systems with regard either to coastal ecosystems and/or deep sea environments. New generation in situ sensors monitoring bio-physicochemical magnitudes, and more specifically EOVs, are of high interest in supporting scientific disciplines related to ocean health, ocean safety, and ocean resources. New technological advancements have resulted in key operational advantages with respect to autonomy, minimization of dimensions, low-power consumption, robustness, stability, and prolonged operation periods. Data pre-processing, standardisation, interoperability, and transmission are also strong advantages for the new generation subsea sensors and systems allowing integration capability of sensors on multiple measuring platforms (stationary/fixed, underwater mobile vehicles, ships of opportunity) in ocean observation data networks.

### Guest Editors

Dr. Christos Tsabaris

Institute of Oceanography, Hellenic Centre for Marine Research,  
Athens, Greece

Dr. Roberto Bozzano

National Research Council of Italy, Rome, Italy

### Deadline for manuscript submissions

closed (15 December 2022)



## Journal of Marine Science and Engineering

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.8  
CiteScore 5.0



[mdpi.com/si/69943](https://mdpi.com/si/69943)

*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).