

## Special Issue

# Ocean Modelling in Support of Operational Ocean and Coastal Services

### Message from the Guest Editor

Operational oceanography is maturing rapidly. Its related capabilities are being noticeably enhanced in response to a growing demand of regularly-updated ocean information. Today, a number of core forecasting and monitoring services, focused on global and regional scales, are well-established. Sustained availability of their products has favored the proliferation of downstream services devoted to coastal monitoring and forecasting. Ocean models are a key component in operational oceanographic systems and ocean modeling progresses are a driver of service evolution. The goal of this Special Issue is to publish most exciting research on ocean modeling with benefits in model applications that support existing operational oceanographic services. High-quality papers focused on combining ocean models with observational products, including data assimilation, are considered. Papers addressing model product quality assessments and evaluations of operational services capabilities to simulate outstanding marine processes/features and extreme events are also welcome.

---

### Guest Editor

Dr. Marcos G. Sotillo  
Nologin, 28046 Madrid, Spain

---

### Deadline for manuscript submissions

closed (15 December 2021)



## Journal of Marine Science and Engineering

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.8  
CiteScore 5.0



[mdpi.com/si/41590](https://mdpi.com/si/41590)

*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

*Journal of Marine Science and Engineering (JMSE, ISSN: 2077-1312)* focuses on research in the fields of Ocean Engineering, Coastal Engineering, Physical Oceanography, Geological Oceanography, Marine Biology, and Marine Environmental Science. It publishes reviews, regular research papers, and short communications, as well as Special Issues on particular subjects. Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the maximum length of the papers.

---

### 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 16.5 days after submission; acceptance to publication is undertaken in 2.5 days (median values for papers published in this journal in the second half of 2025).