

Special Issue

Data Modelling for Coastal-Ocean Environments and Disasters

Message from the Guest Editors

Data modeling plays an important role in assessing coastal ocean environments and disasters. In recent years, coastal environments have drawn increasing awareness globally. Such environmental consequences by human activities exacerbate the effects of regional and global climate change on the interaction between land and sea, and these effects are frequently hazardous or destructive to estuarine or coastal areas around the world.

This Special Issue on “Data Modeling for Coastal Ocean Environments and Disasters” invites original research articles as well as review articles. The suggested topics are relevant but not limited to the study of coastal ocean data modeling, physical ocean parameters, coastal disasters induced by typhoons and storms, coastal land use change, coastal vegetation and ecosystem, water pollution, river and coastal engineering or coastal urbanization with their impacts on coastal environments, including typhoon and storms, coastal pollution, and hazards, such as coastline change and coastal erosion, water pollution, red tide, oil spill, etc.

Guest Editors

Prof. Dr. Yuanzhi Zhang

Prof. Dr. Yijun He

Dr. Po Hu

Deadline for manuscript submissions

closed (31 March 2022)



Journal of Marine Science and Engineering

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.0



mdpi.com/si/84062

*Journal of Marine Science and
Engineering*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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

Oceans Graduate School and 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).