

Special Issue

Modelling Waves in Coasts and Estuaries

Message from the Guest Editors

Ocean waves play a direct role in defining hydrodynamic, sediment transport, and morphodynamic characteristics of coasts and estuaries. In addition, they can play an indirect role through wave-current interaction. As a result, stability and integrity of coastal and estuarine systems are directly linked to local wave conditions prevailing in these systems. Additionally, waves can have a significant impact on marine ecosystem dynamics, pollutant transport and ecosystem services. This Special Issue will provide a collection of research articles on the advances in modeling, analyses and forecasting of waves in coastal and estuarine systems.

Dr. Jenifer Brown

Guest Editors

Prof. Dr. Harshinie Karunaratna

Energy and Environment Research Group, Zienkiewicz Centre for Computational Engineering, College of Engineering, ESRI Building, Bay Campus, Swansea University, Swansea SA1 8EN, UK

Dr. Jennifer Brown

Marine Physics and Ocean Climate, National Oceanographic Centre, Liverpool, UK

Deadline for manuscript submissions

closed (15 October 2016)



Journal of Marine Science and Engineering

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.0



mdpi.com/si/5626

*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





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).