

Special Issue

Dynamics of the Coastal Zone

Message from the Guest Editors

The coastal zone hosts many human activities and interests, which have significantly increased in the last few decades. However, climate change may have destabilizing effects on such activities all over the world: Sea level rise and storms of increasing intensity can severely affect beaches and coastal structures, with negative consequences for coastal communities from different (e.g., ecological, recreational, environmental) points of view. These aspects need to be combined with the present scenario, where important issues, such as coastal flooding and beach erosion, already lead to large economic losses and, at times, to human fatalities. The present Special Issue is thus devoted to the most recent studies and advances on the dynamics of the nearshore region.

Guest Editors

Dr. Matteo Postacchini

Department of Civil and Building Engineering and Architecture,
Università Politecnica delle Marche, I-60131 Ancona, Italy

Dr. Alessandro Romano

1. Associate Professor, Department of Civil, Computer Science and
Aeronautical Technologies Engineering, Roma Tre University, Rome
00146, Italy

2. Adjunct Researcher, Instituto de Hidráulica Ambiental de la
Universidad de Cantabria, Calle Isabel Torres 15, Santander 39011,
Spain

Deadline for manuscript submissions

closed (31 August 2019)



Journal of Marine Science and Engineering

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.0



mdpi.com/si/15809

*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
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).