

Special Issue

Environmental Changes in Coastal Ecosystems

Message from the Guest Editor

Sea level fluctuation and environmental pollution affect the vulnerable coastal ecosystems. Being an interface layer between the atmosphere, lithosphere and hydrosphere and accomodating one of the most expensive ecosystems to restore, coastal areas play a vital role in aquaculture and agriculture, the production of a variety of goods and ecosystem services. This Special Issue welcomes papers on field, experimental, and modeling studies, as well as reviews related to the changes observed in coastal ecosystems as a result of environmental process fluctuations and human activity. Potential topics include but are not limited to the following:

- Migration and accumulation of diverse substances (PAHs, heavy metals, microplastics, etc.);
- Adaption to changing conditions and human activity;
- Environmental health;
- Novel approaches, techniques, and methods to obtain a new understanding of functioning of coastal ecosystems;
- Geochemical partition of heavy metals and metalloids;
- Mitigation of observed degradation;
- Enhancement of the supply of ecosystem services.

Guest Editor

Dr. Ivan Semenov

Department of Landscape Geochemistry and Soil Geography,
Lomonosov Moscow State University, Moscow, Russia

Deadline for manuscript submissions

closed (5 August 2023)



Journal of Marine Science and Engineering

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.0



mdpi.com/si/156057

*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
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).