

Special Issue

Sea Level Fluctuations

Message from the Guest Editor

This Special Issue of *JMSE* is devoted to the wave processes of the ocean, which are of crucial importance for its inhabitants. In addition, they play a crucial role in the energy exchange of geospheres and the Earth's climate. Especially interesting are questions related to the nonlinear interaction of oscillations and waves of different frequency ranges, which lead to the formation of catastrophic phenomena. In the study of ocean wave processes, ranging from tidal to hydroacoustic, it is essential to study the physics of their occurrence, development, and transformation into neighboring geospheres. When studying tidal processes, seiches, surface and internal sea waves, as well as infragravity waves, the question of the primary source of these oscillations and waves is extremely interesting: whether from the ocean, atmosphere, or lithosphere. From this point of view, an interdisciplinary approach aimed at the simultaneous study of processes of similar frequency ranges in all geospheres is critically important.

Guest Editor

Prof. Dr. Grigory Ivanovich Dolgikh

V.I. Il'ichev Pacific Oceanological Institute, Far Eastern Branch Russian Academy of Sciences, 690041 Vladivostok, Russia

Deadline for manuscript submissions

closed (5 October 2021)



Journal of Marine Science and Engineering

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.0



mdpi.com/si/48129

*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/)





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).