

Special Issue

Technical Applications and Latest Discoveries in Seafloor Mapping

Message from the Guest Editors

The proposed special issue seeks to compile and disseminate cutting-edge research and technological advancements in the field of seafloor mapping. As the demand for high-resolution seafloor data escalates, this issue will explore innovative methodologies, including the integration of multibeam echosounders, airborne laser bathymetry, satellite-derived bathymetry, machine learning, and remote sensing techniques, to enhance our understanding of marine environments.

Contributions will address recent discoveries in bathymetric prediction, sediment classification, and benthic habitat mapping, emphasizing the ecological implications and the importance of sustainable marine resource management. Furthermore, the issue will highlight the challenges faced in mapping vast and complex seafloor terrains, advocating for collaborative efforts among researchers, policymakers, and industry stakeholders to prioritize comprehensive mapping initiatives. By fostering interdisciplinary dialogue, this special issue aims to advance the scientific community's knowledge of seafloor dynamics and contribute to the effective stewardship of oceanic resources.

Guest Editors

Dr. Lukasz Janowski

Maritime Institute, Gdynia Maritime University, Dlugi Targ 41/42, 80-830 Gdansk, Poland

Dr. Jarosław Nowak

MEWO S.A—Subsea Solutions, Straszyn, Poland

Deadline for manuscript submissions

25 January 2026



Journal of Marine Science and Engineering

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.0



mdpi.com/si/231161

*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).