

Special Issue

Advances in Marine Gas Hydrates

Message from the Guest Editors

Marine gas hydrate is not only a potential energy resource but also a giant carbon reservoir. In the past decades, huge efforts have been being devoted to the study of its physical and chemical properties, its occurrence, and its environmental effects, with production methods and progresses being made. In this Special Issue, the results obtained from recent studies of marine gas hydrate will be reported. In detail, we welcome contributions that explore a wide range of topics, including but not limited to the following:

- gas hydrate formation;
- characterization and development of marine gas hydrate;
- gas sources, migration, and accumulation systems;
- physical properties;
- effects on environment;
- characteristics of hydrate reservoir sediments.

Guest Editors

Prof. Dr. Hailong Lu

Dr. Umberta Tinivella

Dr. Yinan Deng

Deadline for manuscript submissions

1 September 2025



Journal of Marine Science and Engineering

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.0



mdpi.com/si/217271

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).