

Special Issue

Ice-Structure Interaction in Marine Engineering

Message from the Guest Editors

- This Special Issue is proposed to collect contributions that present novel models and methods, the latest achievements and discoveries, and state-of-the-art reviews and thoughts on industry development regarding ice–structure interaction. We welcome all qualified research that presents recent developments related to ice–structure interaction. We will consider a wide range of areas related to this Special Issue, including, but not limited to, the following:
- Ice models and their mechanical as well as engineering behaviors;
- Ice fracture;
- Ship navigation in ice-covered regions and arctic marine operations;
- Ice breaking;
- Ice–structure model tests and in situ experiments;
- Ice–water–structure interaction;
- Icing and deicing on structures;
- Materials science in ice areas

Guest Editors

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Deadline for manuscript submissions

closed (30 May 2024)



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About the Journal

Message from the Editor-in-Chief

Journal of Marine Science and Engineering (JMSE, ISSN: 2077-1312) focuses on research in the fields of Ocean Engineering, Coastal Engineering, Physical Oceanography, Geological Oceanography, Marine Biology, and Marine Environmental Science. It publishes reviews, regular research papers, and short communications, as well as Special Issues on particular subjects. Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the maximum length of the papers.

Editor-in-Chief

Prof. Dr. Charitha Pattiaratchi

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Journal Rank:

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Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.5 days after submission; acceptance to publication is undertaken in 2.5 days (median values for papers published in this journal in the second half of 2025).