

Special Issue

Ocean CO₂ Capture and Coastal Resilience

Message from the Guest Editor

The objective of this Special Issue is to highlight ocean-based climate mitigation strategies in service of transitioning to a zero-emissions economy. We encourage submissions related to both reducing emissions and to capturing carbon dioxide within the coastal ecosystem. We seek publications focused on technologies and strategies for ocean carbon dioxide capture and storage, sustainable production of marine food products, adoption of offshore renewable energy, and decarbonization of maritime transport and infrastructure. We are also interested in studies focused on mitigating the impacts of ocean acidification on coastal communities and habitats. Submissions may be based on laboratory experiments, field observations, or modelling studies but should highlight the state of the art and include an impact assessment when the proposed methods are implemented at scale.

Guest Editor

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Deadline for manuscript submissions

closed (20 December 2022)



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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

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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).