

Special Issue

Impacts of Climate Change on Shellfisheries

Message from the Guest Editor

Shellfisheries have a large impact on local economies because they are usually developed as small-scale fisheries, mostly based on bivalves and other benthic sedentary resources. This Special Issue aims to explore the cascading effects of climate change on shellfisheries, going from the organism to the ecosystem level and also considering the implications for humans due to the disturbance of ecosystem services provided by these key species. In this context, this Special Issue invites original scientific contributions on topics including (but not limited to) the following:

- Direct and indirect effects of climate change on physiology, metabolism, or immune response of target species for shellfisheries.
- Impacts of climate change on distribution, phenology, and dispersal patterns of bivalves and other relevant species for shellfisheries.
- Indirect effects of climate change on shellfisheries through alterations of ecological interactions: introduction of invasive species, intensity and frequency of harmful algal blooms, changes in pathogen prevalence, etc.

Guest Editor

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Deadline for manuscript submissions

closed (25 February 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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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).