

Special Issue

Drivers and Consequences of Ocean Acidification on Different Temporal and Spatial Scales

Message from the Guest Editor

Ocean acidification (OA) has been identified as a major threat to ocean ecosystems because of the unprecedented rate of change in ocean CO₂ chemistry since the starting of the anthropogenic activity. This change has unknown consequences for marine chemistry, life, and resources. This Special Issue is open for manuscript submissions on different topics dealing with OA from observations, to experiments or predictions from model results in different spatial and temporal scales, including the following topics:

- Changing carbonate chemistry from coastal to open ocean
- Organism to ecosystem responses and consequences of OA
- Natural analogs to OA
- Methods to study OA and data integration and analysis, capacity building
- Societal consequences of OA, regional policies, mitigation, and adaptation

Guest Editor

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Deadline for manuscript submissions

closed (1 August 2021)



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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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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).

