



The Effect of Ocean Acidification on Skeletal Structures

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Deadline for manuscript
submissions:

closed (5 April 2023)

Message from the Guest Editors

The Special Issue aims to bring together current knowledge on OA in carbonate depositional ecosystems in perspective and review papers, and the latest research results, to provide a basis for this ongoing discussion. These ecosystems include but are not limited to coral reefs, oyster reefs, calcifying algae, etc. in which calcifiers are the predominant reef engineer. Thus, we invite contributions on new research outcomes in skeletal precipitation and structure, physiological mechanisms that underpin complex host and symbiont interactions, and responses of heterotrophic and phototrophic calcifiers under projected OA conditions. The goal is to contribute to a better understanding of what to expect for the future of carbonate depositional systems, resilience, and potential avenues for counteracting negative effects on calcification triggered by increasing CO₂ concentrations.

If you are interested in contributing to the Special Issue but may not be able to meet the deadline, please do not hesitate to contact us. As we aim for an interesting compilation of state-of-the-art and novel insights, we invite you to contribute your view to this growing Special Issue.





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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.

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