

Special Issue

Advanced Studies in Coastal Ocean Observation

Message from the Guest Editors

The coastal ocean and nearshore zones are complex environments that are currently suffering from the effects of anthropogenic pressure and climate change. The wide range of temporal and spatial scales involved in driving physical, biogeochemical, and biological processes requires the development of dedicated observation strategies for coastal ocean areas that are able to capture regular events and abrupt changes. In addition to contributing to key scientific challenges, observing strategies are of the utmost importance for ecological assessment and environmental management. The purpose of the current Special Issue is to publish the most recent advances in the research dedicated to or based on coastal ocean observation, which is implemented to explore the different aspects of this environment (hydrodynamics, sediment dynamics, biogeochemistry, and biology). Authors are welcome to submit high-quality papers that can address an ecosystemic approach or can be focused on targeted parameters (in the same vein as the essential ocean/biodiversity variables framework). Innovative and original research, technologies, and methods for understanding and observing coastal oceans are encouraged.

Guest Editors

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Deadline for manuscript submissions

closed (30 November 2023)



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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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