

Special Issue

Marine Metrology and Oceanographic Measurements 2020

Message from the Guest Editors

Characterization of the status of the oceans has a particular significance from an environmental point of view, particularly in relation to climate change. Many physical and chemical parameters (essential climate variables) are monitored worldwide, and their long-term determination is of utmost importance to support climate change modeling. The reliability of such measurements is an essential feature to discriminate between natural variations or systematic trends. In this framework, there is a growing need to build a strong metrological infrastructure for marine measurements to support the worlds of marine observation and data management. The aim of this Special Issue is to collect valuable contributions on the developments and achievements in the fields of marine metrology and oceanographic observations, including method development, sensors characterization, and data quality and management. This Special Issue will host selected papers from the “2020 IMEKO TC-19 International Workshop on Metrology for the Sea”, but other contributions are also welcome.

Guest Editors

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Deadline for manuscript submissions

closed (25 June 2023)



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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).