

Special Issue

Ocean Modelling in Support of Operational Ocean and Coastal Services

Message from the Guest Editor

Operational oceanography is maturing rapidly. Its related capabilities are being noticeably enhanced in response to a growing demand of regularly-updated ocean information. Today, a number of core forecasting and monitoring services, focused on global and regional scales, are well-established. Sustained availability of their products has favored the proliferation of downstream services devoted to coastal monitoring and forecasting. Ocean models are a key component in operational oceanographic systems and ocean modeling progresses are a driver of service evolution. The goal of this Special Issue is to publish most exciting research on ocean modeling with benefits in model applications that support existing operational oceanographic services. High-quality papers focused on combining ocean models with observational products, including data assimilation, are considered. Papers addressing model product quality assessments and evaluations of operational services capabilities to simulate outstanding marine processes/features and extreme events are also welcome.

Guest Editor

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Deadline for manuscript submissions

closed (15 December 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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Journal Rank:

JCR - Q1 (Engineering, Marine) / CiteScore - Q2 (Civil and Structural Engineering)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.9 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2024).