

Special Issue

Marine Geophysical Exploration and Underwater Digital Twin Technology Application

Message from the Guest Editor

This Special Issue, entitled 'Marine Geophysical Exploration and Underwater Digital Twin Technology Application', addresses the innovative combination of marine geophysics and digital twin technology. This Special Issue aims to explore the application of advanced geophysical methods for the detailed mapping and understanding of the marine environment. We encourage the submission of papers that consider how digital twin technology, which provides a digital replica of physical assets, processes and systems, can be applied in a subsea context. Other topics of interest include the potential application of digital twins in enhancing our predictive capabilities, optimizing maritime operations and enhancing decision-making processes. We particularly encourage the publication of expert research in this area, case studies and reviews of recent technological developments. The aim of this Special Issue is to foster dialogue and collaboration between scientists, experts in the field and policy makers to realize the potential application of these technologies in the sustainable and efficient exploration and management of our marine resources.

Guest Editor

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Deadline for manuscript submissions

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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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