

Special Issue

Marine Geological Mapping

Message from the Guest Editors

To better understand and forecast the evolution of our planet, geological mapping of the seafloor represents a fundamental goal to achieve in the coming decades.

Recent technological advances in marine surveys, and the sharing of data uploaded to large databases, both support the achievement of a complete mapping of the seafloor. This Special Issue encourages the submission of papers concerning both examples of mapping of the seafloor and results from innovative methodologies for seabed surveying:

- Examples of surveys from different geological settings (e.g., slope gravitational instability, sedimentary structures fields, etc.);
- Integrated marine geological maps that are useful in seabed characterization for the installation of infrastructures, in the prevention of geohazards, and in the preservation of habitats;
- Outcomes of national or international geological mapping projects;
- Results from surveys performed using innovative techniques or returned through interpretative techniques of image analysis, spatial prediction and machine learning.

Guest Editors

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Deadline for manuscript submissions

closed (25 February 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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Journal Rank:

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manuscripts are peer-reviewed and a first decision is
provided to authors approximately 15.6 days after
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the first half of 2025).