

## Special Issue

# Seagrass Conservation Blue Carbon and Restoration

### Message from the Guest Editor

This Issue aims to showcase the latest research on seagrass ecosystems, with particular attention to their role in biodiversity conservation, climate change mitigation, and ecosystem restoration. Seagrass meadows are among the most productive and valuable marine habitats, supporting coastal biodiversity, stabilizing sediments, and providing essential ecosystem services to human societies. They are also recognized as important blue carbon sinks, playing a critical role in carbon sequestration and climate regulation. Despite their importance, seagrasses are declining worldwide due to pressures from coastal development, pollution, and climate change, making their conservation and restoration urgent global priorities. We welcome contributions from researchers working on all aspects of seagrass ecology, conservation, and management, including but not limited to the following topics:

- Seagrass biodiversity and ecological functions;
- Blue carbon storage and climate change mitigation;
- Conservation strategies and restoration approaches;
- Technological innovations and monitoring tools.

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### Guest Editor

Dr. Valentina Costa

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### Deadline for manuscript submissions

20 August 2026



## Journal of Marine Science and Engineering

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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.

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### Editor-in-Chief

Prof. Dr. Charitha Pattiaratchi

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#### Journal Rank:

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