

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.

Guest Editor

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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.

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