Special Issue

Organic Matter and Nutrient Cycling in Coastal Wetlands and Submerged Aquatic Ecosystems in an Age of Rapid Environmental Change – the Anthropocene

Message from the Guest Editors

Coastal wetlands and submerged aquatic ecosystems play a critical role in cycling, transforming, and storing organic matter and nutrients. By maintaining and improving water quality, these coastal ecosystems facilitate the productivity and ecological function of submerged systems such as seagrass beds and oyster reefs. Understanding the magnitude and pathways of organic matter and nutrient processing within and among intertidal and subtidal systems with rapid environmental change allows us to better manage and restore these systems at larger spatial scales. Despite high rates of destruction and degradation, these systems are continuing to provide a disproportionate magnitude of ecological services that benefit society.

Topics:

water quality;
nutrient transport and processing;
carbon cycling and sequestration;
anthropogenic stressors;
disturbance and resilience;
restoration and management;
climate change;
land-use change;

Guest Editors

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Journal of Marine Science and Engineering

an Open Access Journal by MDPI

Impact Factor 2.8
CiteScore 5.0

mdpi.com/si/50298

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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

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