Special Issue

Sedimentation Response in Shallow Marine Environments

Message from the Guest Editor

The continental shelf is a highly delicate and dynamic area that faces numerous environmental challenges and threats due to its significant economic and social relevance. Here nutrients, contaminants, and sediments are conveyed through rivers and other discharges, then accumulated, eroded, and redistributed by waves and currents into the sea. Climate change constitutes an increase in the danger for this area, both as a direct impact due to increased frequencies of intense and/or extreme natural events hitting coastal territories, and as secondary impacts due to the consequent destruction of large industrial plants and urban settings along the coasts that can pour human debris and contaminants into the sea. Because the sediments are the sink for many tracers, they can be considered an archive of information on changes of environmental conditions for shallow marine environments, and ideal media to study the environmental dynamics. **keywords:** environmental changes on time and areal scales; geochronological tracers; chemical-physical and biological processes; coastal morphologies protection and recovery; marine litter; impact of natural and human-induced events

Guest Editor

Dr. Stefania Romano
Institute of Marine Science ISMAR UOS Bologna, Italian National Research Council, Rome, Italy

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Journal of Marine Science and Engineering
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
jmse@mdpi.com

mdpi.com/journal/jmse

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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

Prof. Dr. Charitha Pattiaratchi
School of Engineering and The UWA Oceans Institute, The University of Western Australia, Perth, WA 6009, Australia

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