Special Issue

Coastal Risk Prediction, Prevention and Management

Message from the Guest Editor

Coastal areas have been attractive settling grounds for the human population as they provided abundant marine resources, fertile agricultural land, and possibilities for trade and transport since early civilization. These advantages have led to high population densities and high levels of development in many coastal areas, and this trend is continuing into the 21st century. At present, about 1.2 billion people live in coastal areas globally, and this number is predicted to increase to 1.8–5.2 billion by the 2080s due to a combination of population growth and coastal migration. Along with this increase follows significant investments in infrastructure and the built environment. Coastal hazard management has become an increasingly important aspect of coastal planning to improve society's resilience to coastal hazards. Possible management options include complicated engineering structures, soft protection measures, various accommodation approaches, and a managed retreat from the coastline. It is also important to address coastal risks by early warning systems and emergency management plans to handle sudden and potential disastrous hazards, i.e., major flooding events.

Guest Editor

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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.

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