

Special Issue

Modeling and Monitoring of Coastal Ocean, Nearshore and Estuarine Environments

Message from the Guest Editors

The coastal environment is becoming more vulnerable due to climate change and its associated impacts such as sea level rise, significant coastal erosion, coastal hazards and compound flooding, among others.

Additionally, there is a vast number of natural resources in coastal ecosystems such as coastal wetlands, fisheries and shellfisheries that require sustainable management and restoration as well as major blue economy initiatives and new technology developments in coastal oceans. Advancements in computer modeling, new technologies in remote sensing, development of autonomous underwater and surface vehicles as well as the expanding in situ measurement networks enhance coastal predictions, forecasting and monitoring in coastal ocean, nearshore and estuarine environments. We encourage submissions with research and applications of modeling systems and coastal monitoring systems to study hydrodynamics, morphodynamics, and hydrology of the coastal environments.

Guest Editors

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Deadline for manuscript submissions

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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.

Editor-in-Chief

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