

Special Issue

Remote Sensing Advancements in Sustaining Coastal Zones

Message from the Guest Editors

The coastal areas are sensitive marine ecosystems and are of great significance for a country. To understand the dynamics of coastal regions, it is important to improve coastal management by reducing the anthropogenic factors operating over extensive areas of coasts. Satellite remote sensing has been playing an important role in monitoring such changes as it provides a synoptic viewpoint of areas of interest and revisit in a certain timeframe.

This Special Issue is expected to advance our understanding on different factors affecting the coastal areas around the world by implying remote sensing and in situ data sets, ie, proposing state-of-the-art methods for coastal water quality parameters estimation, shoreline change detection, and implementing new methods of oil spill detections, algal bloom monitoring and other natural/anthropogenic factors affecting the coastal areas. Submissions of recent progress in earth observation for the assessment of risk, vulnerability, and resilience in coastal megacities that apply advanced techniques to analyse the changing patterns in coastal areas are welcome.

Guest Editors

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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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