

Special Issue

Future Coasts and Estuaries

Message from the Guest Editors

Projections of climate change and associated hazards point towards very serious socioeconomic and environmental impacts around the world. The coastal zone is home to over 10% of the global population and is one of the land zones that is highly vulnerable to climate change impacts. Therefore, the future of coasts and estuaries need to be managed not only for disaster reduction but also environmental conservation.

Increased hazard levels will mean that coastal and estuary management will become more costly, and hence, risk-informed and effective adaptation measures that balance risk and reward will need to be developed and implemented. With a view to inspiring such innovative solutions, this Special Issue focuses on:

- Projections of climate change related coastal hazards (e.g., sea level rise, storm surge, waves);
- Projections of environmental changes due to climate change hazards (e.g., inundation, erosion, environmental damage);
- Coastal vulnerability assessment;
- Coastal disaster risk assessment;
- Human vs. natural impacts on extreme and long term coastal/estuary change;
- Adaptation measures to compact climate change impacts on coasts/estuaries.

Guest Editors

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About the Journal

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
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