

## Special Issue

# Coastal Systems: Monitoring, Protection and Adaptation Approaches

### Message from the Guest Editors

Coasts are dynamic and fast-changing environments. They are areas of unique natural importance, providing important natural habitats for flora and fauna and home to more than 40% of the global human population. Because of their rich resources, they are more densely populated than the hinterland and exhibit higher rates of population growth and urbanisation. Over millennia, changes in relative sea level, geomorphological processes and extreme events such as storms, hurricanes and tsunamis have shaped and changed the earth's coastlines. Although coastal areas are naturally dynamic, and climate change is considered responsible for many impacts over the long term, a number of other factors, such as human interventions, sediment supply from fluvial systems, etc., also contribute significantly. Therefore, a systems approach is necessary to understand the adaptation challenge. This Special Issue invites researchers and scientists involved in related studies to come forward with their research and present their findings.

### Guest Editors

Prof. Dr. Niki Evelpidou

Dr. Anna Karkani

Dr. Miltiadis Polidorou

### Deadline for manuscript submissions

closed (31 August 2023)



## Journal of Marine Science and Engineering

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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.

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### Editor-in-Chief

Prof. Dr. Charitha Pattiaratchi  
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