



Modeling and Monitoring of Coastal Ocean, Nearshore and Estuarine Environments

Guest Editors:

**Dr. Mustafa Kemal
Cambazoglu**

The University of Southern
Mississippi, Division of Marine
Science, Stennis Space Center,
Hattiesburg, MS, USA

Dr. Zafer Defne

US Geological Survey, Woods
Hole, MA, USA

Deadline for manuscript
submissions:

1 September 2024

Message from the Guest Editors

Dear Colleagues,

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.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Tony Clare

School of Natural and
Environmental Sciences,
Newcastle University, Newcastle
upon Tyne NE1 7RU, UK

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed with Scopus, SCIE (Web of Science), GeoRef, Inspec, AGRIS, and other databases.

Journal Rank: JCR - Q1 (*Engineering, Marine*) / CiteScore - Q2 (*Ocean Engineering*)

Contact Us

*Journal of Marine Science and
Engineering* Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/jmse
jmse@mdpi.com
X@JMSE_MDPI