





an Open Access Journal by MDPI

Data Modelling for Coastal-Ocean Environments and Disasters

Guest Editors:

Prof. Dr. Yuanzhi Zhang

Center for Housing Innovations, Institute of Asia-Pacific Studies, Faculty of Social Science, Chinese University of Hong Kong, Hong Kong 999777, China

Prof. Dr. Yijun He

School of Marine Sciences, Nanjing University of Information Science and Technology, Nanjing 210044, China

Dr. Po Hu

Institute of Oceanology, Chinese Academy of Sciences, Qingdao, China

Deadline for manuscript submissions:

closed (31 March 2022)

Message from the Guest Editors

Dear Colleagues,

Data modeling plays an important role in assessing coastal ocean environments and disasters. In recent years, coastal environments have drawn increasing awareness globally. Such environmental consequences by human activities exacerbate the effects of regional and global climate change on the interaction between land and sea, and these effects are frequently hazardous or destructive to estuarine or coastal areas around the world.

This Special Issue on "Data Modeling for Coastal Ocean Environments and Disasters" invites original research articles as well as review articles. The suggested topics are relevant but not limited to the study of coastal ocean data modeling, physical ocean parameters, coastal disasters induced by typhoons and storms, coastal land use change, coastal vegetation and ecosystem, water pollution, river and coastal engineering or coastal urbanization with their impacts on coastal environments, including typhoon and storms, coastal pollution, and hazards, such as coastline change and coastal erosion, water pollution, red tide, oil spill, etc.

Prof. Dr. Yuanzhi Zhang Prof. Dr. Yijun He Dr. Po Hu











an Open Access Journal by MDPI

Editor-in-Chief

6009. Australia

Prof. Dr. Charitha Pattiaratchi School of Engineering, The UWA Oceans Institute, The University of Western Australia, Perth, WA

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), Ei Compendex, GeoRef, Inspec, AGRIS, and other databases.

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

Contact Us