Special Issue

Wind and Wave Climate

Message from the Guest Editor

The aim of this Special Issue is to present recent advances in the field of Wind and Wave Climate. A good knowledge of Wind and Wave Climate is of paramount importance for the design and operation of various types of floating and coastal structures, as well as for environmental studies. The study of Wind and Wave Climate entails various tools of probability theory and mathematical statistics. In this respect, studies related either to methodological and/or application-oriented aspects are welcome in this Special Issue. The former includes—among others—topics related to probabilistic modelling, extreme-value analysis, machine learning techniques, spectral analysis, directional analysis, and forecasting techniques. Some examples for the latter include: wind and wave atlases (both local and global scale), climate change related studies, design of floating structures (offshore platforms, ships, marine renewable energy devices, offshore and nearshore fish farms etc.) and coastal structures, marine sea operations related to such structures, marine traffic, marine energy resource assessments, wind and wave reanalyses, and coastal morphodynamics.

Guest Editor

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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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