



water

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Computational Methods for Ocean Wave Interaction with Marine Structures

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Deadline for manuscript
submissions:

closed (30 June 2023)

Message from the Guest Editors

Dear Colleagues,

We are inviting you to contribute to this Special Issue of the journal *Water*.

In the context of global warming, it is imperative to handle extreme events such as storm surges and sea level rise for climate adaptation. To optimize the utilization of ocean space, it is also necessary to support the blue economy via the development of maritime infrastructure with multiple functions. Therefore, the co-design and co-construction of marine infrastructures have become essential for addressing the enormous risks presented by global warming. These structures are ideal for floating airports, storage facilities, and even entertainment centers because of their low cost of construction, fast movement, and small environmental impact. In this context, it is essential to understand the hydrodynamic performance of various marine structures under wave action. This Special Issue focuses on diverse numerical techniques for addressing hydrodynamics problems [...]

For further reading, please follow the link to the Special Issue Website at:

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Special Issue



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Message from the Editor-in-Chief

In the context of global changes, the sustainable management of water cycles, going from global and regional water cycles to urban, industrial and agricultural water cycles, plays a very important role on the water resources and on their relationships with food, energy, biodiversity, ecosystem functioning and human health. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications and to propose special issues devoted to new technological and scientific domains and to interdisciplinary approaches of the water cycles. We ensure a critical review process and a quick turnaround between submission and final decision.

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Journal Rank: JCR - Q2 (*Water Resources*) / CiteScore - Q1 (Water Science and Technology)

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