

Special Issue

Wave–Structure Interaction

Message from the Guest Editors

Wave is the most common yet important environmental loading that needs to be considered properly in designing safe and cost-effective ocean and coastal structures. With the rapid development of the industry projects toward more violent and deeper waters, the accurate consideration of wave–structure interaction is experiencing new challenges when attempting to reduce the costs during the process of the design, operation, and maintenance while still ensuring safety. The aim of this Special Issue is to provide an overview of these new challenges arising from a wide range of ocean infrastructures, including the oil and gas platform, renewable energy devices, ships, marine aquaculture facilities, coastal protection structures, etc. Topics will concern new findings and developments for phenomenon mechanism analysis and/or engineering design guidance through numerical simulation or scaled model testing. [...] For further reading, please follow the link to the Special Issue Website at: https://www.mdpi.com/journal/water/special_issues/Wave_Structure

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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.

Editor-in-Chief

Dr. Jean-Luc PROBST

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