

Special Issue

Research on Marine Hydrodynamics

Message from the Guest Editors

In order to utilize the sea for large-scale harvest of food and energy in a sustainable manner, new and highly cost-efficient marine structures are needed. We have structures with the ability to facilitate large-scale production in mind. In this Special Issue, we would like to focus on floating solar islands and aquaculture. Floating solar photovoltaics at sea has a significant global potential for the production of renewable energy. Cost efficiency calls for concepts that follow the waves to a large extent. Suggested concepts include large arrays of hinged rigid bodies, and membrane decks in combination with elastic tubes. Similarly, sea-based aquaculture (mariculture) has a considerable global potential for sustainable food production and possibly biofuel (seaweed). Seaweed can, for instance, be produced by large sheets of submerged nets or arrays of ropes, either vertical or horizontal, or in combination[...]. For further reading, please follow the link to the Special Issue Website at:

https://www.mdpi.com/journal/water/special_issues/hydrodynamics_aquaculture

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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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