Special Issue

Advances in the Study of Coastal Resilience, Hydrodynamic Modelling and Coastal Monitoring

Message from the Guest Editor

Around 10% of the world's population lives along coastal areas that are less than 10 meters above sea level. Coastal areas also provide crucial ecosystem services and are the natural habitat of many natural species. These precious ecosystems are currently at risk from environmental change and human pressure on the coastal zone. Themes of this Special Issue can include, but are not limited to, the following:

- response of coastal areas to environmental change;
- ecosystem services and coastal areas;
- advances in hydrodynamic, sediment transport and morphological modelling for coastal areas;
- advances in field methododologies and applications for coastal studies;
- advances in the modelling and monitoring of the impact of vegetation on coastal areas;
- coastal processes and coastal geomorphology;
- nature-based solutions as coastal defences;
- coastal eco-geomorphology;
- advances in the study of coastal pollution and its impact.

For further reading, please visit **Special Issue Website**.

Guest Editor

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About the Journal

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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