

Special Issue

Coastal Management and Nearshore Hydrodynamics, 2nd Edition

Message from the Guest Editors

Coastal management focuses on the preservation and sustainable use of coastal resources, addressing the challenges posed by natural processes, human activities, and climate change. It involves a multidisciplinary approach that combines scientific knowledge, policy making, and stakeholder engagement. On the other hand, nearshore hydrodynamics is concerned with the study of water movement and its interactions with the nearshore zone, which extends from the shoreline to the offshore region. In the context of global climate change, significant changes in nearshore hydrodynamic processes may occur and impact coastal ecosystems and human activities. A comprehensive understanding of nearshore hydrodynamics is essential for the development of sustainable coastal management plans. The findings and recommendations presented in this Special Issue will contribute to the ongoing efforts to protect and preserve coastal areas worldwide, ensuring their long-term viability in the face of dynamic environmental challenges. Keywords: coastal management; nearshore hydrodynamics; climate change; coastal hazards; waves and current; policy and planning

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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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