Special Issue

Remote Sensing in Coastal Water Environment Monitoring

Message from the Guest Editors

The purpose of this Special Issue is to use integrated remote sensing techniques to extract high-resolution, accurate information and detect changes in the coastal water environment, thereby understanding its drivers. The coastal expert community is expected to answer questions about the potential impacts of different sea-level rise scenarios on coastal zones and assess the associated environmental vulnerability. The intersection of disciplines, observations, and datasets is the focus, with the aim of translating these into information about the spatio-temporal characteristics, such as the expression of sediment imbalances and ecosystem adjustments, drivers of human activities, levels of exposure, and adaptation to hazards. Remote sensing methods and observations from in situ, airborne, and spaceborne platforms provide large-scale, multispectral/hyperspectral, full-polarized, high spatiotemporal resolution data of coastal waters. This Special Issue will facilitate an informed debate among scientists and stakeholders regarding the coastal water environments affected by global climate change and human activities.

Guest Editors

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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

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