Special Issue

Monitoring Coastal and Marine Environments Based on Remote Sensing Data

Message from the Guest Editors

Coastal and nearshore marine environments are essential ecosystems that provide critical resources and support numerous human activities. Moreover, coastal areas are the planet's most dynamic and rapidly evolving systems and are highly vulnerable to human-induced and natural changes such as pollution, habitat loss, and climate change. Coastal erosion, flood risks, increased landslide occurrence, and wetland loss are expected to intensify in the coming decades, posing severe threats to inhabited areas and environmental assets. These environments are characterized by substantial spatial and temporal variability because of their position at the interface between sea and emerging lands. In these highly variable and dynamic environments, valid and repeatable monitoring methodologies are essential to identify the effects of climate change and reduce natural systems' vulnerability to human impacts. This Special Issue will highlight the recent advances in remote sensing techniques for monitoring coastal and marine environments and integrating multi-source datasets and data.

Guest Editors

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Message from the Editor-in-Chief

Remote Sensing is now a prominent international journal of repute in the world of remote sensing and spatial sciences, as a pioneer and pathfinder in open access format. It has highly accomplished global remote sensing scientists on the editorial board and a dedicated team of associate editors. The journal emphasizes quality and novelty and has a rigorous peer-review process. It is now one of the top remote sensing journals with a significant Impact Factor, and a goal to become the best journal in remote sensing in the coming years. I strongly recommend *Remote Sensing* for your best research publications for a fast dissemination of your research.

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