Special Issue

Satellite-Based Assessment of Geomorphological Dynamics of Coastline Using Optical and Near-Infrared Instruments

Message from the Guest Editors

The Earth's coastlines have always been dynamic, but are especially so these days due to sea level rise and increased storm strength. Entire beaches and islands are being wiped out, disrupting entire communities. Since most of the world's population lives close to the sea, it is vital to constantly monitor the dynamics of coastlines. There are many ways of monitoring coasts using remote sensing techniques ranging from drones equipped with cameras to high attitude LiDAR aircraft to earth-looking remote sensing satellites. This Special Issue will focus on the latest satellite imagery and compare the imageries available from them for the application of coastal monitoring. There are new earth-looking remote sensing satellites such as Landsat 9, the latest Sentinel and PlanetScope, which are very promising potentially for coastal monitoring. The Aim of this SI is to evaluate the newest series of earth looking optical and near-IR sensors onboard the latest satellites (Landsat 9, Sentinel 2A and Planet Scope, among other) for coastal geomorphological dynamics assessment.

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.

Editor-in-Chief

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