

## Special Issue

# Rapid Response Surveying of Coastal Zones Using SmallSat Imagery

### Message from the Guest Editors

Coastal systems worldwide are exposed to both long- and short-term transgression under the influence of rising sea levels, increase in the occurrence and strength of extreme storm events, and overdevelopment of the coastal zone. Moderate resolution satellite imagery (i.e., Landsat) has been utilized in recent decades to address the above concerns. Although satellite remote sensing was a significant improvement on in situ field surveys, it is not suitable for rapid assessments of coastal zone changes caused by sudden and short-lived events. Therefore, there is a robust need for the widespread adoption and method development of novel satellite data products that can detect global changes at the timescale of days and at finer-scale spatial resolutions.

The very recent development of small satellite constellations, also known as “SmallSats” or “CubeSats”, represents the next advancement in global coastal monitoring due to their markedly improved spatiotemporal resolution over single and even twin satellite platforms. This Special Issue includes all topics related to the assessment of coastal change.

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### Deadline for manuscript submissions

closed (1 April 2022)



## Remote Sensing

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*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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