Special Issue

Remote Sensing and GIS Based Coastal Disaster Monitoring

Message from the Guest Editors

Coastal areas around the globe have come under intense pressure due to multiple reasons. Human-made environmental disasters and natural catastrophes have featured prominently in recent years. For the sustainability of our coastal environment, there is the need to utilize technology that could be used to measure and reduce the hazards and vulnerability of coastal ecological systems. Geographic Information Systems (GIS) and remote sensing can play an important role. Remote sensing data represents a powerful tool to understand the coastal processes where the images allow a synoptic view of the area and provide the relation between coastal environment and vegetation and multi-temporal information. This Special Issue calls for articles that cover applications of remote sensing and GIS that will include, amongst others: i) monitoring, mapping, tracking and understanding of the disasters affecting coastal systems, ii) monitoring the response of coastal and marine ecosystems and associated services to global and climate change including anthropogenic influence, and iii) understanding the response and resilience of coastal and marine ecosystems.

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Message from the Editorial Board

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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