



Remote Sensing and GIS Based Coastal Disaster Monitoring

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submissions:

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Message from the Guest Editors

Dear Colleagues,

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

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