



Coastal Environment Monitoring Based on Remote Sensing and Artificial Intelligence

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Message from the Guest Editors

Coastal Environment Monitoring Based on Remote Sensing and Artificial Intelligence is one of the most critical scientific topics today. Coastlines all over the world are threatened by sea level rise and other man-made and natural processes. The advent of modern high-resolution satellite imagery and artificial intelligence promise to improved coastal zone monitoring and management.

The objective of this special edition is to provide a forum for discussion on the latest means of monitoring coasts using remote sensing and artificial intelligence. Themes for this special edition include: Satellite imagery for coastal mapping, LiDAR for coastal mapping, artificial intelligence for coastal mapping, GoogleEarth and coastal mapping, Sea level rise measurements using remote sensing, Drones and coastal mapping, coral reef mapping, coastal erosion assessment.





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Message from the Editor-in-Chief

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