



Remote Sensing of Coastal Environment and Evolution: Progress, Challenges and Opportunities

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Message from the Guest Editors

Coastal areas play a vital role in global ecosystems, economies, and human settlements. However, they are facing unprecedented challenges due to natural processes and human activities. Understanding the environment and evolution of coastal regions is crucial for their effective management, conservation, and sustainable development. Remote sensing, with its ability to capture large-scale and long-term data, has emerged as a powerful tool for studying coastal environments. Satellite sensors, airborne platforms, and ground-based instruments provide valuable data on coastal morphology, shoreline changes, coastal vegetation, bathymetry, water quality, and other relevant parameters. These observations contribute to our understanding of coastal dynamics, erosion, accretion, sediment transport, and the impact of climate change and human interventions on coastal ecosystems.





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Message from the Editor-in-Chief

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