# **Special Issue**

# Remote Sensing for Coastal Resilience: Addressing Climate Impact and Sustainable Solutions

### Message from the Guest Editors

This Special Issue will focus on applying remote sensing technologies to monitor and understand climate-related changes in coastal areas. As coastal regions worldwide face increasing challenges from erosion, sea-level rise, and ecosystem degradation, remote sensing offers a means to obtain timely and accurate assessments that can inform sustainable management strategies. Contributions to this issue will explore the innovative use of satellite imagery, LiDAR, unmanned aerial vehicles (UAVs), and other remote sensing data/methods to measure and analyze these changes, emphasizing datadriven approaches that enhance resilience and support adaptive coastal planning. It provides a platform for researchers who aim to publish high-quality original research papers, reviews, and case studies that highlight advancements in remote sensing for coastal monitoring, showcase practical applications, and provide insights into effective climate adaptation and coastal protection strategies.

#### **Guest Editors**

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### Deadline for manuscript submissions

closed (30 November 2025)



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### Editor-in-Chief

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