

## Special Issue

# Remote Sensing for Sustainable Environmental Ecology

### Message from the Guest Editor

The accelerating pace of environmental change demands innovative approaches to sustainable monitoring, understanding, and managing ecosystems. Remote sensing has emerged as a powerful tool, providing high-resolution, real-time data that enhances our ability to track biodiversity loss, assess climate change impacts, and inform conservation strategies. This Special Issue seeks to explore the latest developments and applications of remote sensing in sustainable environmental ecology. We invite contributions that showcase novel methodologies, interdisciplinary approaches, and case studies that leverage remote sensing for ecosystem assessment, land-use change detection, natural resource management, and climate resilience strategies. Studies that integrate artificial intelligence, big data analytics, and geospatial modeling to enhance environmental monitoring and decision-making are particularly encouraged. We welcome original research articles and comprehensive reviews that contribute to this field's growing body of knowledge and support evidence-based environmental policies.

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### Guest Editor

Dr. George Melillos

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### Deadline for manuscript submissions

31 December 2025



## Sustainability

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### Editor-in-Chief

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