

Special Issue

Emerging UAS-Based Remote Sensing Applications for DRR (Disaster Risk Reduction) and Ecosystem Dynamics

Message from the Guest Editors

Topics of interest include, but are not limited to, the following:

- High-resolution spatial and temporal mapping of disaster-prone and dynamic ecosystems using UAS;
- Multi-sensor and multi-platform UAS deployments to support integrated DRR and ecosystem assessments;
- UAS-based monitoring and early detection of hazards such as wildfires, floods, landslides, droughts, and storms;
- Tracking ecosystem degradation, post-disturbance recovery, and resilience processes;
- Advanced analytical methods including AI, machine learning, and object-based image analysis applied to UAS datasets;
- Methodologies integrating UAS into DRR and ecosystem management.

While the primary focus is on disaster risk reduction and ecosystem dynamics, we also welcome submissions highlighting the role of UAS in NbS (Natural-based Solutions) and climate resilience strategies as complementary perspectives within this broader framework.

Guest Editors

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Deadline for manuscript submissions

30 September 2026



Remote Sensing

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Impact Factor 4.1
CiteScore 8.6



mdpi.com/si/255538

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Remote Sensing is now a prominent international journal of repute in the world of remote sensing and spatial sciences, as a pioneer and pathfinder in open access format. It has highly accomplished global remote sensing scientists on the editorial board and a dedicated team of associate editors. The journal emphasizes quality and novelty and has a rigorous peer-review process. It is now one of the top remote sensing journals with a significant Impact Factor, and a goal to become the best journal in remote sensing in the coming years. I strongly recommend *Remote Sensing* for your best research publications for a fast dissemination of your research.

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