Special Issue

Remote Sensing and GeoAI in Natural Hazard Assessment: Emerging Trends and Applications

Message from the Guest Editors

- Natural hazards such as floods, landslides, earthquakes, erosion, wildfires, and droughts continue to pose significant risks to human societies and the environment. Recent advancements in remote sensing, GeoAI (geospatial artificial intelligence), and machine learning techniques are playing a pivotal role in the real-time monitoring, prediction, and analysis of these natural disasters.
- This Special Issue aims to showcase the latest developments in the integration of remote sensing and GeoAI, including the application of machine learning and deep learning models for natural hazard assessment. It seeks to demonstrate the utility of these technologies to improve hazard monitoring, enhance early warning systems, and optimize disaster response strategies. This Special Issue aligns with the journal's focus on advancing geospatial technologies, Earth observation, and AI methodologies for addressing pressing environmental challenges and disaster management issues.

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Deadline for manuscript submissions

29 October 2025

Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 8.6

mdpi.com/si/238023

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Message from the Editor-in-Chief

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.

Editor-in-Chief

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