Special Issue

Recent Advances and Future Vision for Remote Sensing of Cultural and Natural Heritage

Message from the Guest Editors

This Special Issue invites contributions that highlight recent advancements and innovative applications of remote sensing in the study, documentation, and preservation of cultural and natural heritage. We welcome research that explores how technologies such as satellite imagery, UAVs (drones), LiDAR, multispectral/hyperspectral imaging, 3D photogrammetry, laser scanning, laser spectroscopy, optoacoustics and geophysical prospection are being used to enhance our understanding and protection of heritage assets. We particularly encourage submissions that showcase the following:

- Innovative uses of remote sensing for mapping, documentation, and monitoring of heritage sites.
- Case studies demonstrating interdisciplinary approaches in archaeology, conservation science, environmental monitoring, and heritage management.
- Methodological advancements in data acquisition, processing, and visualization (e.g., AR/VR, digital twins).
- Applications of AI, machine learning, and big data in the remote sensing of heritage.
- Early warning systems and risk assessment strategies informed by remote sensing data.

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Deadline for manuscript submissions

30 January 2026

Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 8.6

mdpi.com/si/247297

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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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