Special Issue

Remote Sensing Technologies for the Conservation and Preservation of Cultural Heritage Sites

Message from the Guest Editors

Remote sensing is becoming essential in the conservation and preservation of cultural heritage sites, offering powerful tools to monitor and assess risks and protect these irreplaceable assets in the long term. As heritage sites face growing threats from environmental degradation, urban expansion, and conflict, the integration of advanced remote sensing and geospatial techniques—such as multi-spectral imaging, digital twins, and 3D modeling—into conservation planning has become increasingly important. These technologies not only enable the detection of material degradation and structural vulnerabilities, but also help in developing multidisciplinary approaches to conservation and restoration. With techniques such as Synthetic Aperture Radar (SAR) and Interferometric SAR (InSAR), which assess risks related to ground motion (e.g., earthquakes, land subsidence), remote sensing now enables precise, regular assessments of heritage sites, developing sustainable, data-driven conservation strategies that enhance resilience to climate impacts and urban pressures.

Guest Editors

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Deadline for manuscript submissions

31 December 2025

Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 8.6

mdpi.com/si/222964

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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.

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