Special Issue

Remote Sensing and SAR for Building Monitoring

Message from the Guest Editors

Building monitoring using remote sensing data plays an important role in urban planning, disaster management, navigation, the updating of geographic databases, and other geospatial applications. The rapid development of image processing techniques and easily available very-high-resolution multispectral, hyperspectral, LiDAR, SAR, and UAS remote sensing images have further boosted research on building-extraction-related topics. Of particular note, in recent years, many research institutes and associations have provided open source datasets and annotated training data to meet the demands of advanced artificial intelligence models, bringing new opportunities to develop advanced approaches to building extraction and monitoring. In addition to building masks, more research has arisen on the automatic generation of 2/3 building models from remote sensing data. This Special Issue aims to feature cutting-edge methodologies and applications.

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Deadline for manuscript submissions

closed (30 September 2024)

Remote Sensing

About the Journal

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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