Special Issue

Remote Sensing in Urban Infrastructure and Building Monitoring

Message from the Guest Editors

In recent years, cutting-edge remote sensing technologies such as satellites, drones and LiDAR sensors, with different spatial and temporal resolutions as well as analytical approaches, have revolutionized data collection and analyses. RS technologies provide an unprecedented level of precision and efficiency in monitoring and assessing the condition of urban infrastructure and structures.

This Special Issue encourages authors to submit high-quality contributions addressing the current state of the art, ongoing research challenges, recent advances, applications, real-world case studies, and future trends in urban infrastructure and building monitoring based on remote sensing techniques.

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

Structural health monitoring; Remote sensing for monitoring urban infrastructures and buildings; Deformation monitoring and analysis; Structural anomaly detection based on deep learning; Multi-source remote sensing data fusion for structural monitoring; Structural damage mapping; Structural resilience assessment based on damage mapping.

Guest Editors

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Deadline for manuscript submissions

closed (30 November 2024)

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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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