

Special Issue

Applications of Laser Scanning in Urban Environment

Message from the Guest Editors

The use of laser scanning has increased in the last two decades to obtain detailed representations of urban and natural environments. This Special Issue is dedicated to publishing high-quality original research articles, reviews and applications on the use of Mobile Mappers in urban city environments, from a wide-ranging perspective. Potential topics include, but are not limited to, the following:

- Data acquisition: road/street inventory, car/pedestrian safety, road/street maintenance, city mapping, building 3D mapping, transportation infrastructure mapping;
- Point cloud and image processing: geo-intelligence, artificial intelligence, machine learning, deep learning, big data;
- Digital city projects: modelling, digital twins, resource optimisation;
- New sensors: multi-sensor, multi-spectral and multi-angular systems; autonomous driving, low-cost devices;
- Reviews of the state of art in Mobile Laser Scanning.

Guest Editors

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Deadline for manuscript submissions

closed (15 July 2025)



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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.

Editor-in-Chief

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