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Applications of Laser Scanning in Urban Environment

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Deadline for manuscript submissions:

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Message from the Guest Editors

Dear Colleagues,

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.

Dr. Henrique Lorenzo
Dr. Pedro Arias-Sánchez
Guest Editors



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Special Issue



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Message from the Editor-in-Chief

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