Special Issue

Mobile Laser Scanning Systems

Message from the Guest Editors

Three-dimensional data is a fundamental and essential part of a growing number of applications ranging from urban planning, cultural heritage documentation, intelligent transportation systems, autonomous driving, smart cities, to indoor/outdoor disaster simulation. Mobile laser scanning systems (including airborne, vehicle-borne, handheld and backpack systems), which provide geo-referenced high-density 3D point cloud data, have become an alternative powerful data source of 3D geospatial information. This Special Issue not only covers the traditional remaining challenges (multi-sensor calibration, multisource data registration, and 3D point cloud processing) in mobile laser scanning systems, but also focuses on solutions, methods and algorithms for low-cost sensor integration and mobile localization and mapping in GNSS-denied environments.
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Guest Editors

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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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