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 (multisensor 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.

Prof. Dr. Ayman Habib

Guest Editors

Prof. Dr. Jonathan Li

Prof. Dr. Ayman F. Habib

Dr. Chenglu Wen

Deadline for manuscript submissions

closed (31 July 2019)



Sensors

an Open Access Journal by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/21752

Sensors
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sensors@mdpi.com

mdpi.com/journal/ sensors





Sensors

an Open Access Journal by MDPI

Impact Factor 3.5 CiteScore 8.2 Indexed in PubMed



About the Journal

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.

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Dipartimento di Ingegneria Elettrica e dell'Informazione (Department of Electrical and Information Engineering), Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 Bari, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Ei Compendex, Inspec, Astrophysics Data System, and other databases.

Journal Rank:

JCR - Q2 (Instruments and Instrumentation) / CiteScore - Q1 (Instrumentation)

