

Special Issue

Multimodal Data Fusion for Urban Environmental Monitoring and Management

Message from the Guest Editors

This Special Issue invites submissions on the latest advances in multimodal data fusion for mapping and monitoring the urban environment. The focus of the contributions to the Special Issue will be on reviewing current progress, highlighting the latest methodologies proposed to respond to the needs of multimodal data processing for urban environmental monitoring and management, and pointing out the strategies that may meet the requirements of potential applications. The topics of interest include (but not limited to):

- Novel, computationally efficient algorithms for the processing and fusion of data from multi-sensors, multi-sources, and multi-temporal acquisitions;
- New methodologies, e.g., data registration, efficient processing for complex, big data, data quality assurance/pre-processing, deep learning, etc., for urban environment monitoring and management;
- Innovative applications for urban change detection, LCLU mapping, disaster monitoring, responses, etc.;
- Interdisciplinary and higher-level studies on various aspects of employing multimodal data fusion such as feasibility, strength, challenges, and effectiveness.

Guest Editors

Dr. Yindan Zhang

Dr. Gang Chen

Prof. Dr. Shihong Du

Prof. Dr. Zhifeng Wu

Dr. Kunwar K. Singh

Deadline for manuscript submissions

closed (20 June 2022)



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

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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.

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

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