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Smart Sensing in Building and Construction

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Deadline for manuscript
submissions:

closed (31 October 2021)

Message from the Guest Editors

This Special Issue will collect state-of-the-art research findings on the latest developments and challenges of smart sensing in the building and construction field.

Potential topics include but are not limited to the following:

- Reviews or surveys on state-of-the-art of sensing-related topics in the building and construction field
- Methods and tools for sensing data collection and processing, including internet of things, laser scanning, photogrammetry, thermal imaging, virtual sensing, crowdsourcing, multi-source data fusion, and design and development of new sensors
- Technologies and approaches to extract complex patterns or knowledge from sensing data, i.e., computer vision, machine learning, and deep learning
- Integration of sensing data mining and model- and knowledge-driven approaches to understand the complex and dynamic nature of buildings and construction projects
- Real-world applications of remote sensing data mining, i.e., building performance monitoring, structural health monitoring, damage assessment, disaster monitoring, as-built model reconstruction, geometric quality inspection, construction process monitoring, etc.



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Special Issue



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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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