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## AIoT for Building Construction and Maintenance Engineering

Guest Editors:

**Dr. Xincong Yang**

School of Civil and Environment Engineering, Harbin Institute of Technology, Shenzhen 518055, China

**Prof. Dr. Xiaochun Luo**

School of Civil Engineering and Transportation, South China University of Technology, Guangzhou, China

**Dr. Zezhou Wu**

College of Civil and Transportation Engineering, Shenzhen University, Shenzhen 518061, China

Deadline for manuscript submissions:

**closed (25 November 2024)**

### Message from the Guest Editors

This Special Issue on AIoT for building construction and maintenance engineering is timely and important, as it will provide a platform for researchers and practitioners to share their latest findings, technologies, and solutions in this field. The issue will cover a wide range of topics related to AIoT in architecture, engineering, construction, operation, and maintenance industry. Potential research topics include but are not limited to:

- AIoT-enabled supply chain management in the construction industry;
- AIoT-based safety management and quality management at construction sites;
- AIoT solutions for energy-efficient building management;
- Smart sensors and actuators for building automation and control;
- AIoT-powered maintenance for building systems;
- AIoT-driven data analysis for construction and maintenance optimization;
- Distributed AIoT systems in the construction industry;
- Advanced AI algorithms for smart construction and intelligence maintenance;
- BIM/CIM and AIoT data fusion;
- Digital twins and AIoT integration.



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**Special** Issue



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### **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

## 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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*Sensors* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
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