



Smart Construction and Smart Building Operation and Maintenance

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Message from the Guest Editors

Smart management systems on construction and intelligent building operations form the backbone of our future Smart Cities. This special issue is defined to address any aspects of Smart Construction and Intelligent Building Operation, with the emphasis of utilizing IoTs, BIM and Big data technologies. Topics may include but are not limited to:

- 3D Printing Related Technologies in Construction
- Big Data Analytics in Smart Construction and Intelligent Building Operations
- Energy Saving and Management
- Smart Technologies for Urban Renewal
- IoT Architecture Design for Smart Construction and Intelligent Building Operations
- Machine Learning and Data Mining in Smart Construction and Intelligent Building Operations
- Information Technology/BIM in Civil Engineering and Construction management
- Smart Technologies for Decision Support Making in Urban Planning and Urban Renewal
- Smart Technologies for Managing Carbon Emissions in Construction Industry
- Smart Technologies/Computer Vision for Structural Health Monitoring
- Digital Twin of Civil Infrastructure for Urban Development
- Augmented Reality/Virtual Reality Technologies in Smart Construction





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Message from the Editor-in-Chief

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