



Special Issue

Artificial Intelligence and Sensor Informatics: Exploring Smart City and Construction Business Implications

About the Special Issue

Artificial Intelligence and Sensor Informatics (AI&SI) are developing quickly and will become an essential part of smart cities and the construction industries and business. AI&SI includes a wide range of technologies and methods that can be employed to understand the data, explore patterns, and predict events, properties, and features of any phenomenon and system at different scales such as a city, urban transportation, construction or project. This Special Issue welcomes submissions from diverse disciplines including research projects with different approaches, including quantitative, computational, visual analytics, data mining, analysis of spatial and morphological structure of cities, urban transportation and construction systems and activities. We encourage authors to develop or clarify the implications of the following topics and technologies in smart cities, infrastructure, and business.

Suggested Topics

Papers are welcomed on the following topics but not confined to:

- Knowledge representation and management
- Expert systems and knowledge-based systems
- Vision sensor system and Artificial Intelligence
- Geospatial Artificial Intelligence (GAI)
- Deep learning and machine learning
- Robotics and information systems
- Big Data analytics for data processing
- Intelligent real-time algorithms
- AI in security, privacy, and trust in smart systems
- Human-computer interaction

Important Dates

30 April 2020

Please send provisional paper title and abstract to the editors.

31 July 2020

Closing date for submissions

31 August 2020

Notification of acceptance

30 September 2020

Final version submission

31 October 2020

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Author guidelines and online paper submission form available at www.ijimai.org

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