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

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Message from the Guest Editors

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. Current studies predict that the number of digital devices will increase from 25 billion in 2017 to 100 billion in 2025. However, the implications of AI&SI have not been fully examined in the context of smart cities, infrastructure, and construction (SCIC).

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.



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