

# Special Issue

## Urban Smart Factories

### Message from the Guest Editors

Urban factories promise economic city development. And the various aspects of productivity, zero-emission, energy saving, and human augmentation must be improved by digital transformation. The sustainability of urban factories is the key aspect to the success of urbanized factory system. This Special Issue was organized to collect the research using cyber-physical systems for importing manufacturing systems to the center of urban environments. Topics of interest include, but are not limited to:

- Zero-emission factories;
- System design for vertical factory system;
- Internet of Things for energy estimation and optimization;
- Smart technology of factory control for pandemic management;
- Productivity of human operators in smart factories;
- Virtual reality or augmented reality for remote work or robot control;
- Highly flexible modular factories;
- Empirical analysis of urbanization of factory systems;
- Building information modelling for urbanized factory systems; and
- Smart urban mobility.

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### Guest Editors

Dr. Jumyung Um

Dr. Gökçen Yilmaz

Prof. Dr. Sang Do Noh

Dr. Yun-lee Jong

Dr. You-Suk Bae

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### Deadline for manuscript submissions

closed (31 July 2022)



## Smart Cities

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## About the Journal

### Message from the Editor-in-Chief

As urban environments continue to evolve, Smart Cities serves as a key platform for sharing innovative research that addresses the complexities of modern urban life. Our journal provides a space for interdisciplinary dialogue and knowledge exchange on the latest advancements in smart city technologies and practices. We prioritize research that not only pushes the boundaries of scientific understanding but also has practical implications for improving urban living, sustainability, and governance. We welcome contributions from diverse fields that bring fresh perspectives to urban challenges, from smart infrastructure and IoT integration to data-driven decision-making and sustainable development. Through a combination of rigorous peer-review and rapid publication, we aim to disseminate impactful research that fosters the development of smarter, more resilient cities.

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### Editor-in-Chief

Prof. Dr. Pierluigi Siano  
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### Author Benefits

#### High Visibility:

indexed within Scopus, ESCI (Web of Science), Inspec, AGRIS, and other databases.

#### Journal Rank:

JCR - Q1 (Urban Studies) / CiteScore - Q1 (Urban Studies)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 26.8 days after submission; acceptance to publication is undertaken in 4.5 days (median values for papers published in this journal in the first half of 2025).