



an Open Access Journal by MDPI

## Advanced Research on Smart Cities Based on Data Processing and Intelligent Computing

Guest Editors:

**Dr. Yujie Tang**

Faculty of Computer Science,  
Dalhousie University, Halifax, NS  
B3H 4R2, Canada

**Prof. Shu Fu**

School of Microelectronics and  
Communication Engineering,  
Chongqing University, Chongqing  
400044, China

Deadline for manuscript  
submissions:

**20 November 2024**

### Message from the Guest Editors

Smart cities are emerging with various advanced technologies, such as infrastructure monitoring, intelligent traffic management, and greenhouse gas mitigation. This Special Issue seeks to present new ideas and approaches in the field of smart cities, including, but not limited to, the following topics:

- Advanced strategies for intelligent computing;
- High-performance data analysis and processing;
- Machine learning, deep learning, and reinforcement learning;
- Big-data-based applications, algorithms, and systems design;
- Use cases and applications for intelligent transport and logistics systems;
- Intelligent computing technologies for 5G/6G networking;
- Wireless technologies for massive data communications;
- Data security and privacy-aware communication and computing;
- Intelligent tasks allocation and scheduling for smart cities;
- Novel testing and validation methods for smart cities;
- Systematic surveys or reviews for the development of smart cities.



[mdpi.com/si/173029](https://mdpi.com/si/173029)

# Special Issue



an Open Access Journal by MDPI

## Editor-in-Chief

**Prof. Dr. Giulio Nicola Cerullo**  
Dipartimento di Fisica,  
Politecnico di Milano, Piazza L.  
da Vinci 32, 20133 Milano, Italy

## Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), Inspec, CAPlus / SciFinder, and other databases.

**Journal Rank:** JCR - Q1 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

## Contact Us

---

*Applied Sciences* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/applsci](http://mdpi.com/journal/applsci)  
[applsci@mdpi.com](mailto:applsci@mdpi.com)  
[X@Applsci](#)