

## Special Issue

# Advances in the IoT and Smart Cities

### Message from the Guest Editors

The Internet of Things (IoT) refers to the unprecedented use of devices, sensors and actuators, and wireless communication in all kinds of cyberphysical systems. With the use of data analytics, and enabling technologies such as AI, machine learning, and deep learning, the data extracted are used by smart systems to optimize the use of infrastructure and resources.

Smart cities have emerged as the realization of many applications and solutions, across all sectors of society.

In this context, the Special Issue in Applied Sciences on the IoT and smart cities invites researchers to submit original research contributions in all major areas, which include but are not limited to the theory and fundamental research, real-world applications, software development, and engineering of the IoT and smart cities:

- IoT architectures and cyberphysical systems (CPS);
- IoT sensors and actuators;
- IoT services, applications, and platforms;
- IoT challenges in security, reliability, and privacy;
- Smart sustainable city services, applications, and platforms.

---

### Guest Editors

Dr. Christos Markides

Dr. Achilleas Achilleos

Dr. Georgia Kapitsaki

---

### Deadline for manuscript submissions

closed (20 November 2024)



## Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.5



[mdpi.com/si/134019](https://mdpi.com/si/134019)

*Applied Sciences*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[appls@mdpi.com](mailto:appls@mdpi.com)

[mdpi.com/journal/  
appls](https://mdpi.com/journal/appls)





# Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.5



[mdpi.com/journal/  
applsci](https://mdpi.com/journal/applsci)



## About the Journal

### 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.

---

### Editor-in-Chief

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

---

### 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), Ei Compendex, Inspec, CAPlus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering )