



## The Advances of Smart Services for the Creation of Adaptive Smart Areas in Sustainable Smart Cities

Guest Editors:

**Prof. Dr. Juan M. Corchado**

**Prof. Dr. Luis Fernando  
Castillo Ossa**

**Prof. Dr. Gustavo Adolfo Isaza  
Echeverri**

**Prof. Dr. Omar Danilo  
Castrillón**

**Prof. Dr. Marcelo López  
Trujillo**

**Dr. Oscar Cardona-Morales**

**Dr. Fernando De la Prieta**

Deadline for manuscript  
submissions:  
**closed (15 September 2023)**

### Message from the Guest Editors

Dear Colleagues,

Thanks to technological advances, recent years have seen cities undergo a profound transformation, with significant improvements in sustainability and in the services offered by local governments and other municipal entities. This transformation has resulted in a high investment in resources and research projects focused on the urban environment. However, most of the so-called smart cities are simply cities that have undertaken several smart projects. Given that, nowadays, vast amounts of data are continually generated, and the challenge of a city that strives to become smart lies in identifying intelligent and adaptive means of combining the generated information, so that valuable knowledge may be extracted. Sensorization has been integral to the collection of data. This Special Issue invites researchers to submit high-quality original studies addressing the topic of Adaptive Smart Areas in Sustainable Smart Cities through the application of edge computing systems, hybrid computing service systems, federated learning, or artificial learning in multi-agent system architectures.





an Open Access Journal by MDPI

## Editor-in-Chief

**Prof. Dr. Flavio Canavero**

Department of Electronics and  
Telecommunications,  
Politecnico di Torino, 10129  
Torino, Italy

## Message from the Editor-in-Chief

*Electronics* is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

## Author Benefits

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

**High Visibility:** indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [CAPus / SciFinder](#), [Inspec](#), and [other databases](#).

**Journal Rank:** JCR - Q2 (*Electrical and Electronic Engineering*) CiteScore - Q2 (*Electrical and Electronic Engineering*)

## Contact Us

---

*Electronics* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

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

[mdpi.com/journal/electronics](http://mdpi.com/journal/electronics)  
[electronics@mdpi.com](mailto:electronics@mdpi.com)  
[X@electronicsMDPI](#)