

## Special Issue

# Advanced Energy Systems and Technologies for Urban Sustainability

### Message from the Guest Editors

The rapid growth of urbanization and the global emphasis on sustainability have created a critical need for advanced energy systems tailored for urban environments. This Special Issue focuses on innovative technologies, systems, and strategies that address the energy challenges faced by modern cities. Topics of interest include renewable energy integration, smart grids, energy storage solutions, and urban energy management systems. The Special Issue aims to highlight cutting-edge research in the digitalization, optimization, and decentralization of urban energy infrastructures, promoting sustainability, efficiency, and resilience. We invite contributions that explore novel approaches in energy modeling and system design, with particular attention to applications in smart cities, green buildings, and transportation. This Special Issue serves as a platform for interdisciplinary collaboration and aims to advance the state of the art in sustainable urban energy systems to meet future demands.

### Guest Editors

Dr. Asimina Dimara

Department of Cultural Technology and Communication, Intelligent Systems Lab, University of the Aegean, 81100 Mytilene, Greece

Dr. Stelios Krinidis

Department of Management Science & Technology, Democritus University of Thrace (DUTH), Agios Loukas, 65404 Kavala, Greece

### Deadline for manuscript submissions

15 January 2026



## Electronics

an Open Access Journal  
by MDPI

Impact Factor 2.6  
CiteScore 6.1



[mdpi.com/si/224502](https://mdpi.com/si/224502)

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

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





# Electronics

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.6  
CiteScore 6.1



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



## About the Journal

### 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.

---

### Editor-in-Chief

Prof. Dr. Flavio Canavero

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

---

### Author Benefits

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), CAPlus /  
SciFinder, Inspec, Ei Compendex and other databases.

#### Journal Rank:

JCR - Q2 (Engineering, Electrical and Electronic) /  
CiteScore - Q1 (Electrical and Electronic Engineering)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.8 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).