

## Special Issue

# Advanced Technologies in Smart Cities

### Message from the Guest Editors

Advanced technologies as big data, IoT, and artificial intelligence are largely used to cope with ever-growing towns and with problems related to the phenomenon of hyper urbanization, to enhance the organization of urban services, reduce costs and resource consumption, and increase contact between citizens and governments. In other words, advanced technologies make towns and cities become "smarter", solving problems related to the organization of a society in which a large number of people share the resources of cities, such as spaces, services, and public places. Smart city applications are developed to manage urban flows and allow for real-time responses. This Special Issue is intended to provide a forum for academic researchers and technical professionals to exchange their recent works on technological advancements. Topics of interest for publication in this Special Issue include, but are not limited to smart city-related applications of big data, IoT and AI, simheuristics, operational research, and 5G.  
Prof. Daniele Tarchi

---

### Guest Editors

Dr. Daniela Mazza

Government of Emilia-Romagna Region, Bologna 40100, Italy

Dr. Daniele Tarchi

Department of Information Engineering, University of Florence, 50139 Firenze, Italy

Prof. Dr. Angel A. Juan

Department of Applied Statistics and Operations Research, Universitat Politècnica de València, 03801 Alcoy, Spain

---

### Deadline for manuscript submissions

closed (31 March 2022)



## Energies

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.0  
CiteScore 6.2



[mdpi.com/si/61042](https://mdpi.com/si/61042)

*Energies*

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

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





# Energies

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.0  
CiteScore 6.2



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



## About the Journal

### Message from the Editor-in-Chief

*Energies* is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

---

### Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and Aerospace Engineering, University of Roma Sapienza, Via Eudossiana 18, 00184 Roma, 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, RePEc, Inspec, CAPlus / SciFinder, and other databases.

#### Journal Rank:

CiteScore - Q1 (Control and Optimization)