

Special Issue

Smart Energy Management and Sustainable Urban Communities, 2nd Edition

Message from the Guest Editors

The effects of climate change are encouraging actors around the world to seek a reduction of carbon footprints and to increase the production of green energy. In this context, smart energy management is attracting much attention and new options and services are opening for consumer participation such as renewable energy self-consumption, storage, demand response, and energy efficiency. The scope of this special issue aims to illustrate, discuss, and identify key challenges in the adoption of sustainable practices and urban community-based models in our cities. This special issue invites high quality scientific manuscripts covering a wide range of topics related to smart and sustainable communities, strategic energy management, behavioral modeling, energy demand scheduling, demand profiling, smart systems management, energy optimization, green energy, social aspects for smart energy integration.

Guest Editors

Dr. Carlos Cruz

Department of Electronics, University of Alcala, 28871 Madrid, Spain

Dr. Manuel Aleixandre

Institute of Integrated Research (IIR), Institute of Science Tokyo, Suzukakedai Campus, Yokohama 226-0026, Japan

Deadline for manuscript submissions

closed (27 January 2026)



Energies

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 7.3



mdpi.com/si/250070

Energies
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
energies@mdpi.com

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





Energies

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 7.3



[mdpi.com/journal/
energies](http://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 Industrial Engineering, University
Niccolò Cusano, 00166 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)

