

Special Issue

Optimal Planning, Integration, and Control of Energy in Smart Cities

Message from the Guest Editors

The world is changing dramatically by rapid urbanization and population growth, so cities' energy conditions and needs are essential elements to consider in urban centers. The smart city could be defined as a sustainable and efficient urban center that provides its citizens with a high quality of life. Hence, optimizing energy resources is mandatory. When conventional cities transform into smart cities, they require optimal planning, integration, and control energy. This Special Issue aims to present and disseminate the most recent advances related to optimal planning, integration, and energy control in smart cities. Topics of interest for publication include, but are not limited to: Integration of renewable energy systems; Microgrids and smart grids studies; Novel strategies of control systems applied in energy systems for smart cities; Electric devices for saving energy in smart houses or buildings; Planning generation and distribution of energy; Quality of energy in smart cities; Energy Storage; Frameworks for deploying renewable energy.

Guest Editors

Prof. Dr. Pedro Ponce-Cruz

Prof. Dr. Ricardo A. Ramirez-Mendoza

Prof. Dr. Arturo Molina Gutiérrez

Dr. Luis Ibarra

Deadline for manuscript submissions

closed (20 July 2023)



Energies

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 6.2



mdpi.com/si/113356

Energies

MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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)