



*energies*



an Open Access Journal by MDPI

## Intelligent Energy Systems and Energy Policy

Guest Editors:

**Prof. Dr. Lefteri H. Tsoukalas**

AI Systems Laboratory, School of Nuclear Engineering, Purdue University, West Lafayette, IN 47907, USA

**Dr. Aspassia Daskalopulu**

Department of Electrical and Computer Engineering, University of Thessaly, 382 21 Volos, Greece

**Dr. Miltiadis (Miltos) Alamaniotis**

Department of Electrical Engineering, University of Texas at San Antonio, One UTSA Circle, San Antonio, TX 78249-0670, USA

Deadline for manuscript submissions:

**closed (30 September 2021)**

### Message from the Guest Editors

Dear Colleagues,

Smart energy is a wave of innovation that couples energy and power systems to information networks and that promises to revolutionize the way energy is utilized and to reshape fundamental notions, metrics, and goals of energy policy.

For example, peak demand constrained power systems coupled with bandwidth constrained information networks can accommodate, through automation, a plethora of new planning, scheduling, control, and maintenance activities with measurable benefits that include but are not limited to enhanced energy security, greater energy intensity, externalized environmental costs, improved energy return on energy investment (EROI), and overall improvements in economic and societal impact over the lifecycle of energy infrastructures.

In this Special Issue on Intelligent Energy Systems and Energy Policy, we will seek papers that bridge the gap between energy and AI systems.



[mdpi.com/si/47748](https://mdpi.com/si/47748)

**Special** Issue



# energies



an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Enrico Sciubba

Department of Mechanical and Industrial Engineering, University Niccolò Cusano, 00166 Roma, Italy

## 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.

## 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 Compindex, RePEc, Inspec, CAPlus / SciFinder, and other databases.

**Journal Rank:** CiteScore - Q1 (Control and Optimization)

## Contact Us

---

*Energies* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

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

[mdpi.com/journal/energies](http://mdpi.com/journal/energies)  
[energies@mdpi.com](mailto:energies@mdpi.com)  
[X@energies\\_mdpi](https://twitter.com/energies_mdpi)