

Special Issue

Energy Security and Energy Transition: Towards Sustainable Energy Systems

Message from the Guest Editors

This Special Issue seeks to explore the intersection of energy security and the transition to sustainable energy systems. Potential areas of interest include, but are not limited to, the following: analysis of energy security strategies; studies on the integration of renewable energy sources into existing energy systems; exploration of initiatives to improve energy access; research on energy efficiency measures and their role in enhancing energy security and sustainability; examination of innovative technologies, such as smart grids, energy storage, and others; analysis of policy frameworks, regulatory mechanisms, and governance structures facilitating the transition to sustainable energy systems while ensuring energy security; investigations into the nexus between energy security, energy transition, and climate change mitigation efforts; case studies, empirical research, and best practice examples highlighting successful approaches to balancing energy security and sustainability objectives.

Guest Editors

Prof. Dr. Ričardas Krikštolaitis

Department of Mathematics and Statistics, Faculty of Informatics, Vytautas Magnus University, Universiteto g. 10, Kaunas District, LT-53361 Akademija, Lithuania

Dr. Linas Martišauskas

1. Laboratory of Nuclear Installation Safety, Lithuanian Energy Institute, Breslaujos g. 3, LT-44403 Kaunas, Lithuania

2. Department of Mathematics and Statistics, Faculty of Informatics, Vytautas Magnus University, Universiteto g. 10, Kaunas District, LT-53361 Akademija, Lithuania

Deadline for manuscript submissions

closed (13 June 2025)



Energies

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 7.3



mdpi.com/si/207072

Energies
Editorial Office
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 3.2
CiteScore 7.3



[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 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)