

Special Issue

Sustainable Energy Transition, Utilization and Management – An Elemental Endowment to SDG 7

Message from the Guest Editors

The objective of this Special Issue is to attract researchers and practitioners in energy and SDGs, including national and global policies and initiatives to achieve the targets of SDG 7, to achieve the Sustainable Development Goals. This Special Issue will accept original/review research about novel and innovative approaches that address the following topics (but is not limited to these): Renewable energy/distributed energy resource integration; Energy transition and transformation—decentralization, digitization and decarbonization; Energy system design, modeling and optimization to achieve SDG 7 targets; Energy from waste, recycling and circularity; Mini-, micro- and nano-grids—the roles in electrification, digitization and automation; Micro-grids: ancillary services, transactive energy and demand responses; Electric vehicles—efficiency enhancement, affordability analysis and the influence on various sectors; policies and regulations, techno-economic analysis and assessments.

Guest Editors

Dr. GM Shafiullah

School of Engineering and Energy, Murdoch University, 90 South Street,
Perth, WA 6150, Australia

Dr. Umashankar Subramaniam

Renewable Energy Lab, College of Engineering, Prince Sultan
University, Riyadh 11586, Saudi Arabia

Deadline for manuscript submissions

closed (24 December 2021)



Energies

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 7.3



mdpi.com/si/69992

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)