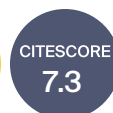




energies



an Open Access Journal by MDPI

Advanced Energy Generation Systems for Sustainable Development

Guest Editors:

Dr. Remo Santagata

1. Faculty of Law, Pegaso University, 80143 Napoli, NA, Italy
2. Department of Engineering, Parthenope University of Naples, 80133 Napoli, NA, Italy

Prof. Dr. Laura Vanoli

Dipartimento di Ingegneria, Università degli Studi di Napoli “Parthenope”, Centro Direzionale, Isola C4, 80143 Napoli, Italy

Dr. Vittoria Battaglia

Department of Engineering, Parthenope University of Naples, Centro Direzionale, Isola C4, 80143 Naples, Italy

Deadline for manuscript submissions:
closed (25 February 2025)

Message from the Guest Editors

Dear Colleagues,

In the past several decades, many global initiatives have been proposed for mitigating climate change. Implementing energy transition towards sustainable systems plays an essential role in achieving such goals. This process will require a shift from conventional energy generation to advanced systems. The potentiality of such systems is not only related to their technical efficiency, but also to the flexibility and optimization of their operation, their sustainability and how they could be integrated in a territory. For this reason, this Special Issue will focus on novel optimization and emerging technologies, and on the assessment of their environmental, economic and social characteristics, for integrated and advanced energy generation systems. Topics of interest for publication include, but are not limited to:

- Techno/economic/social analyses of advanced energy generation systems;
- Tools for design and/or operation optimization of energy generation systems;
- Distributed generation systems: planning and implementation;
- Energy management;
- Advanced solutions for renewable energy systems integration;
- Energy efficiency solutions and demand-side management.



mdpi.com/si/149360

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 Compendex, 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

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