

Special Issue

Advanced Studies on Clean Hydrogen Energy Systems of the Future

Message from the Guest Editor

This Special Issue will include studies related to the development, implementation, and optimization of clean hydrogen energy systems, highlighting their fundamental role in shaping our energy future. Authors are encouraged to submit their research papers on various aspects of hydrogen energy systems, including hydrogen production, storage, distribution, and utilization of hydrogen, as well as its decommissioning and applications related to sustainable technologies. The production aspect of hydrogen energy systems can include research related to production, optimization, cost reduction, and sustainable production methods.

The storage and distribution aspect can cover advances in storage technologies, distribution networks, and infrastructure development. The utilization aspect can explore applications in sectors, emphasizing the role of hydrogen in reducing carbon footprints and enhancing energy security. Additionally, papers addressing the policy, economic, and social implications of hydrogen energy systems, as well as their integration with existing energy infrastructures, are welcome.

Guest Editor

Dr. Volodymyr Shentsov

Hydrogen Safety Engineering and Research Centre (HySAFER), Ulster University, Coleraine, UK

Deadline for manuscript submissions

24 November 2025



Energies

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 7.3



mdpi.com/si/208580

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)