

Special Issue

Advances in Hydrogen and Energy Transition

Message from the Guest Editors

This Special Issue invites contributions from researchers and practitioners in academia, industry, and the government actively working on hydrogen-related topics. We welcome original research articles, review papers, and case studies related to, but not limited to, the following topics:

- Hydrogen production technologies;
- Hydrogen storage and transportation;
- Integration of renewable energy sources into hydrogen systems;
- Hydrogen utilization in buildings and district heating systems;
- Hydrogen as a fuel for transportation (vehicles, refueling infrastructure, et cetera.);
- Integration of hydrogen in energy systems;
- Life cycle analysis and sustainability of hydrogen systems;
- Policy, regulatory, and market issues related to hydrogen adoption;
- Economic and business models for hydrogen-based solutions.

This Special Issue will provide a platform for exchanging knowledge and ideas among researchers and practitioners in the hydrogen and energy transition field. We look forward to receiving your contributions and thank you for your interest in this Special Issue.

Guest Editors

Dr. Ofelia A. Jianu

Faculty of Engineering, University of Windsor, Windsor, ON, Canada

Dr. Canan Acar

Faculty of Engineering Technology, University of Twente, Enschede, The Netherlands

Deadline for manuscript submissions

closed (25 April 2025)



Energies

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 7.3



mdpi.com/si/166888

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)