



energies



an Open Access Journal by MDPI

Innovative Hydrogen Energy Processes and Technologies

Guest Editors:

Dr. Petros G. Savva

Department of Chemical
Engineering, Laboratory of
Environmental Catalysis, Cyprus
University of Technology,
Limassol 3036, Cyprus

Dr. Stathis P. Theofilou

Department of Chemical
Engineering, Laboratory of
Environmental Catalysis, Cyprus
University of Technology,
Limassol 3036, Cyprus

Deadline for manuscript
submissions:

closed (30 June 2022)

Message from the Guest Editors

Dear Colleagues,

Several technologies have evolved through the years, for hydrogen production/storage and utilization, while at the same time, the field of hydrogen applications has expanded rapidly in all areas of our daily lives. Hydrogen production methods are steadily becoming more feasible, allowing hydrogen to permeate even deeper in the global market.

For the time being, for applications such as power generation, fuel cell vehicles are the most dominant in terms of hydrogen utilization, but they are expected to expand even further, considering the increasingly stringent legislation in regard to the greenhouse emissions. The use of hydrogen in marine applications has already gathered the interest of both the scientific community and the industry, while the first hydrogen powered ferries will soon appear at the horizon.

This Special Issue aims to bring together innovative hydrogen production processes and technologies with their commercial applications to further increase the impact of hydrogen on the global energy market. Original research articles and comprehensive reviews along with well-documented case studies will be considered for publication.



mdpi.com/si/80517

Special Issue



energies



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and
Aerospace Engineering,
University of Roma Sapienza, Via
Eudossiana 18, 00184 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 (*Engineering (miscellaneous)*)

Contact Us

Energies Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

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