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Hydrogen and Fuel Cells Technologies for the Realisation of a Resilient and Zero-Carbon Economy

Guest Editors:

Dr. Emmanuel Stamatakis

Foundation for Research and Technology—Hellas (FORTH),
Institute of Geoenergy (IG),
Building M1, University Campus,
73100 Chania, Greece

Dr. Athanasios Stubos

National Center for Scientific
Research Demokritos, Patr.
Gregoriou E and 27 Neapoleos
Str, 15341 Agia Paraskevi, Athens,
Greece

Deadline for manuscript
submissions:

closed (20 February 2024)

Message from the Guest Editors

Dear Colleagues,

The purpose of this Special Issue is to address the potential of hydrogen and fuel cell technologies as powerful enablers of the energy transition, as they offer a clean, sustainable and flexible option for overcoming multiple obstacles that stand in the way of a resilient and zero-carbon economy. We invite original manuscripts presenting recent advances in this area with special reference to the following topics:

- hydrogen production, storage and distribution;
- hydrogen and fuel cells in the energy and transport sectors;
- hydrogen as a feedstock in industry;
- materials for H₂ and FC systems;
- integrated systems and technoeconomic aspects of a hydrogen economy;
- hydrogen and fuel cell safety, regulations, codes and standards.



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Special Issue



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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.

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Energies Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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