

## Special Issue

# Techno-Economic Evaluation of Hydrogen Energy

### Message from the Guest Editors

The aim of this Special Issue is to collect scientific contributions focused on critical aspects of hydrogen's implementation as an energy carrier, from the process design point of view. The purpose is to emphasize the technological developments required for hydrogen to play a central role in the future energy landscape. We welcome original research articles, review papers, and case studies related, but not limited to:

- Sustainable H<sub>2</sub> production;
- Advances in electrolyzers for green H<sub>2</sub> production;
- H<sub>2</sub> transport through H<sub>2</sub> carriers;
- Techno-economic assessment of H<sub>2</sub> value-chains;
- H<sub>2</sub> purification for its application industrial and mobility sectors;
- Process intensification for cost drivers of H<sub>2</sub> value chains.

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### Guest Editors

Dr. Elvira Spatolisano  
Prof. Dr. Giorgio Vilardi  
Dr. Domenico Flagiello

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### Deadline for manuscript submissions

20 June 2026



## Energies

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## 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.

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### Editor-in-Chief

Prof. Dr. Enrico Sciubba  
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