

## Special Issue

# Hydrogen Storage and Transportation: Materials, Technologies, and Infrastructure Development

### Message from the Guest Editors

This Special Issue is dedicated to hydrogen technologies, which have been under constant development for several years and have been applied to power generation, energy storage, and transportation. Many advances have been made in materials and designs of infrastructure for hydrogen systems. Several challenges arise from the properties of hydrogen and attract several research groups. Therefore, hydrogen research and application has emerged as a separate field of study. The aim is to foster research across different fields to create an overview of problems and solutions. A multidisciplinary approach is required to address issues related to hydrogen usage. Original research papers are welcome and the topics covered may include, but are not limited to: - hydrogen storage and transportation - hydrogen vehicles - machines and equipment for hydrogen delivery and processing - renewable energy hydrogen generation - hydrogen mixtures - risk analysis of hydrogen infrastructure - hydrogen applications impact on society - economic aspects of hydrogen technologies - safety culture in hydrogen facilities We look forward to receiving your contributions.

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### Guest Editors

Prof. Dr. Andrzej Rusin  
Prof. Dr. Katarzyna Stolecka  
Prof. Dr. Wojciech Kosman

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### Deadline for manuscript submissions

closed (20 February 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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