



energies



an Open Access Journal by MDPI

Latest Advances and Prospects of Hydrogen Safety

Guest Editors:

Dr. Chankyu Kang

School of Social Safety System
Engineering, Hankyong National
University, Anseong 17579,
Republic of Korea

Dr. Seungho Jung

Environmental and Safety
Engineering, Ajou University,
Suwon 16499, Republic of Korea

Deadline for manuscript
submissions:

closed (5 January 2023)

Message from the Guest Editors

Dear Colleagues,

This special issue aims to invite scholars and researchers to present recent experiments, simulations and numerical studies in the field of hydrogen safety technology. Topics of interest in this special issue include, but are not limited to:

- Hydrogen facility (on-site and off-site)
- Risk assessment model for Hydrogen
- Safety distance for hydrogen
- Influence of hydrogen dispersion and jet fire
- Hydrogen incidents
- Special materials for Hydrogen safety
- Reduction of hydrogen incidents
- Jet fire, flash fire, dispersion, and explosions
- Safety relief devices including TPRDs
- Cryogenic hazards for LIH (Liquid Hydrogen)
- Hydrogen explosion
- Hydrogen & Fuel Cells (Transportation and Power)
- Hydrogen Pipelines and Piping
- Hydrogen Refuelling Stations for Urban Sites
- Large-scale Underground Storage of Hydrogen



mdpi.com/si/102686

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 (Control and Optimization)

Contact Us

Energies Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

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