

Special Issue

Advances in Hydrogen Energy Safety Technology

Message from the Guest Editors

Hydrogen energy is one of the most promising fuels, the use of hydrogen greatly helps to achieve ‘emission peak’ & ‘carbon neutrality’. However, the potential risk of hydrogen damage, leakage, flammability, and explosion makes the hydrogen energy system face several challenges. Therefore, a highly reliable hydrogen energy system is critical for daily use. This Special Issue on “Advances in Hydrogen Energy Safety Technology” aims to bring together the most recent innovations, trends, and concerns as well as practical challenges encountered and solutions adopted in the field of hydrogen energy safety. Original research articles and reviews are welcome in this Special Issue. Research areas may include the following:

- Hydrogen compatibility of materials
- Hydrogen sealing technology
- Performance, durability and reliability of hydrogen storage tanks
- Liquid/gas hydrogen leakage, fire and explosion
- Hydrogen safety in manufacture, storage and transportation etc.
- Hydrogen risk analysis and management
- Hydrogen standards and codes
- Other hydrogen-related theory, technology and applications

Guest Editors

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Deadline for manuscript submissions

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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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