Special Issue

Innovative and Efficient Technologies in Hydrogen Energy Transport and Storage

Message from the Guest Editors

We are excited to announce a new Special Issue of *Energies*, titled "Innovative and Efficient Technologies in Hydrogen Energy Transport and Storage". Hydrogen is rapidly gaining increasing interest worldwide as an energy carrier, enabling global decarbonization and the transition toward a clean energy system. The energy produced in regions with abundant variable renewable sources can be converted into hydrogen and, through compression, liquefaction, or conversion into other chemical compounds, allows for its transportation over long distances to the areas where it is needed. This Special Issue aims to contribute to disseminating the latest research and advancements in the field of hydrogen transport and storage. Potential topics include but are not limited to advances in hydrogen storage technologies (cryo-compressed, liquid or compressed gas storage, metal hydrides, etc.), hydrogen conversion for long-distance transportation (such as ammonia and methanol), hydrogen transportation, hydrogen liquefaction or conversion processes, and strategies to recover and/or minimize boil-off. We look forward to considering your 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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