

## Special Issue

# Advancements in the Production and Application Technologies of Green Hydrogen Energy

### Message from the Guest Editor

The application of green hydrogen has been expanding beyond traditional energy sectors, making significant inroads into renewable energy systems, transportation, industrial processes, and the decarbonization of various industries. This surge in interest has spurred advancements in the production and application technologies of green hydrogen, characterized by their efficiency, scalability, and environmental sustainability. This Special Issue is dedicated to presenting and disseminating the latest research and technological breakthroughs in the production and application technology of green hydrogen energy. We aim to highlight the innovations that are propelling the green hydrogen sector towards a more sustainable and carbon-neutral future.

### Guest Editor

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### Deadline for manuscript submissions

24 October 2025



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### 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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