

## Special Issue

# Recent Advances in Hydrogen Technologies: Production, Storage and Utilization

### Message from the Guest Editors

Researchers and scientists are invited to submit original research articles, review papers and case studies that contribute to the understanding and advancement of hydrogen-related technologies. Relevant topics include the following:

- Novel methods for sustainable hydrogen production.
- Advances in water electrolysis, photoelectrochemical processes and biological hydrogen production.
- Innovative storage solutions for hydrogen.
- Efficient and safe methods for hydrogen transportation.
- Hydrogen fuel cells for various applications.
- Integration of hydrogen into existing energy systems.
- Hydrogen as a key player in decarbonizing industries.
- Advances in materials for hydrogen production, storage and utilization.
- Technological developments enhancing the efficiency and durability of hydrogen-related systems.
- Policy frameworks promoting hydrogen adoption.
- Economic analyses and business models related to hydrogen technologies.

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### Guest Editors

Dr. Rajender Boddula

Dr. Lakshmana Reddy Nagappagari

Dr. Noora Al-Qahtani

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### Deadline for manuscript submissions

closed (30 June 2025)



## Hydrogen

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## About the Journal

### Message from the Editor-in-Chief

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#### Editor-in-Chief

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##### Rapid Publication:

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