



High-Temperature Processes for Sustainable H₂, NH₃, CO and CO₂ Production, Utilization and Storage

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Message from the Guest Editors

This Special Issue titled “High-Temperature Processes for Sustainable H₂, NH₃, CO and CO₂ Production, Utilization and Storage” aims to curate novel advances in the development and application of innovative and sustainable solutions for the production, utilization, and high-temperature storage of chemicals and fuels.

Topics include, but are not limited to:

- Biomass gasification;
- Water electrolysis;
- Methanation;
- Carbon capture and utilization;
- Chemical syntheses;
- Solid oxide fuel cell and electrolysis;
- CO₂ power cycles;
- Molten carbonate fuel cell and electrolysis;
- Sustainable ammonia;
- Renewable energy.





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Message from the Editor-in-Chief

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