

## Special Issue

# Energy Use, Storage and Emission Analysis for Industrial Decarbonization

### Message from the Guest Editors

Research and technological development related to all types of energy systems applied to the industrial sector from the perspectives of fundamental science, promising materials, as well as component- and system-level design are all welcomed. The specific areas of interest for this Special Issue include but are not limited to the following:

- Advanced emission control technology;
- Advanced component and energy system design;
- Analysis comparing promising decarbonization technologies in the industrial sector;
- System-level modeling;
- Renewable energy applications in the industrial sector;
- Energy storage systems in the industrial sector;
- Low- or zero-carbon fuels;
- Life-cycle analysis and technical and economic analysis on the above technologies.

We look forward to receiving contributions from the energy research community to address the ongoing climate change issue for a de-carbonized future.

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### Guest Editors

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### Deadline for manuscript submissions

31 December 2025



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### Editor-in-Chief

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