



## Energy Storage Technologies for a Sustainable Future

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Deadline for manuscript  
submissions:

**closed (1 June 2025)**

### Message from the Guest Editors

Dear Colleagues,

As the world transitions towards cleaner energy, energy storage plays a crucial role in providing flexibility, stabilising intermittent generation resources, improving grid stability, and alleviating transmission congestion. Therefore, this Special Issue aims to compile innovative research on challenges and opportunities in energy storage. We welcome papers focusing on market mechanisms, regulation, strategic behaviour, and the operation of storage systems including batteries, hydrogen, hydro reservoirs, and pumped storage, among other technologies. Authors are encouraged to explore market integration and operational strategies for both large-scale and distributed storage systems, either in combination with non-dispatchable generation or as stand-alone solutions, considering the social and economic aspects involved.





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## Message from the Editor-in-Chief

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