

## Special Issue

# Recent Progress in Energy Storage Materials and Devices

### Message from the Guest Editor

The focus of this Special Issue is to bring together all aspects of batteries and electrochemical storage devices across multiple scales, from modeling and nanoscale characterization to full-scale battery construction and testing regimes. Therefore, this Special Issue seeks to contribute to the energy storage devices field through enhancing scientific and multi-disciplinary knowledge to improve performance and deployment by bringing some focus on the shifting energy landscape in order to meet technical, socio-economic, and environmental goals as well as those of energy security. We therefore invite papers on innovative technical developments, reviews, case studies, and analytical and assessment papers from different disciplines, which are relevant to sustainable and renewable energy systems. An interdisciplinary selection of speakers will cover this broad range of topics to develop an overview of the current research and challenges in the battery field.

### Guest Editor

Dr. Claudia D'Urso

Institute for Advanced Energy Technologies (CNR-ITAE), Messina, Italy

### Deadline for manuscript submissions

closed (28 May 2025)



## Batteries

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## About the Journal

### Message from the Editor-in-Chief

Take the opportunity to publish your original scientific work or a review paper concerning battery materials, battery technology or battery application within this new open access journal. Along with material science, the journal also addresses engineering and multidisciplinary research topics, such as cell and system design or storage system integration. Publishing proffers visibility for the benefit of other experts and facilitates discussion of the research results within the field. You are invited to publish your work, read published papers and to participate in topical discussions.

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### Editor-in-Chief

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