

Special Issue

Sustainable Materials and Technologies for Battery Manufacturing

Message from the Guest Editors

This Special Issue delves into the critical intersection of sustainability and battery manufacturing, addressing pressing environmental concerns and technological advancements in the field. Articles submitted here will explore various aspects of these topics, including the sourcing of eco-friendly materials, efficient manufacturing processes, and waste reduction strategies in battery production. Contributions will highlight innovative approaches such as recycling and the reuse of materials, novel electrode materials derived from renewable sources, solid-state batteries without a liquid electrolyte, and the development of greener manufacturing techniques. By fostering discussions on sustainable practices, this Special Issue aims to accelerate the transition towards environmentally conscious battery manufacturing, which is crucial for the advancement of renewable energy technologies and the mitigation of environmental impacts. We look forward to receiving your contributions.

Guest Editors

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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

Prof. Dr. Marc A. Rosen

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