

Special Issue

Frontiers in Sustainable Battery Materials

Message from the Guest Editors

Batteries, as one of the most prominent technologies in human history, have played a great role in our lives since their initial emergence as a voltaic pile in 1800. In the future, batteries will be sought with higher densities for next-generation application that are safe, have a long lifetime, and are reasonably priced. The development of novel materials, including anodes, cathodes, electrolytes, and separators, is of utmost importance to meet the demands of high-performance batteries for sustainable long-term energy storage and transportation applications. This Special Issue aims to collect articles that contribute to the advancement of materials for battery systems, including the development of novel materials, interfacing different components (between electrolyte/electrode), and an understanding of material evolution upon cycling. This Special Issue is open for reviews, articles, and communications for all kinds of batteries, such as lithium batteries, sodium batteries, zinc-ion batteries, potassium ion batteries, redox-flow batteries, and so on.

Guest Editors

Dr. Xia Cao

Prof. Dr. Lei Du

Dr. Shuaifeng Lou

Deadline for manuscript submissions

closed (31 October 2021)



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Sustainability
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sustainability@mdpi.com

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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

Faculty of Engineering and Applied Science, University of Ontario
Institute of Technology, Oshawa, ON L1G 0C5, Canada

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