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# **Advances in Battery Degradation and Recycling**

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# Message from the Guest Editors

Dear Colleagues,

Batteries are the most essential part of energy storage for the electrification of technologies, from portable electronic amenities to transportation systems. As the world is facing a severe energy crisis, the demand for renewable energy technology has increased rapidly. Additionally, the automotive industries are currently shifting to complete electrification by replacing fossil fuel-based engines. It is not possible to ensure the sustainable electrification of such technologies and industries without advancements in batteries.

This Special Issue aims to collate publications on the recent developments in battery materials, battery testing methods, battery modelling, the management of cells in a pack, and the application of batteries in different technological fields.

- Novel testing methods to evaluate battery cells, modules, and packs.
- The ageing of batteries to evaluate performance in a battery pack.
- Modelling battery cell/module/pack performances.
- Novel methods for remanufacturing battery packs for second-life battery applications.

Dr. Anup Barai Dr. Mohammad Al-Amin Dr. Sheikh Muhammad

Guest Editors











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## Message from the Editor-in-Chief

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