

Special Issue

Battery Storage Technology for a Sustainable Future: Latest Advances and Prospects

Message from the Guest Editors

This [Special issue](#) aims to focus on the development of sustainable energy materials which directly contribute to clean energy storage batteries. Among different energy technologies, storage batteries have become the backbone of energy storage for various electronic devices and hybrid electric vehicles, with numerous battery materials having been developed and being available in the market. Li-ion batteries notably conquered the electronic market a long time ago, but the current scarcity of Li is forcing the scientific world to rethink our dependence on Li-ion battery technologies in future developments in energy storage technologies.

Therefore, the development of low-cost and sustainable materials for the sustainable development of Na-ion, K-ion, and Li-S type battery technologies are the need of the hour, along with Li-ion battery technologies.

Guest Editors

Dr. Robert Ilango Pushparaj

Department of Mining Engineering, Missouri University of Science and Technology, Rolla, MO 65409, USA

Dr. Abhilash Karuthedath Parameswaran

Department of Inorganic Chemistry, University of Chemistry and Technology Prague, Technická 5, 16628 Prague 6, Czech Republic

Deadline for manuscript submissions

closed (31 August 2022)



Clean Technologies

an Open Access Journal
by MDPI

Impact Factor 4.7
CiteScore 8.3



mdpi.com/si/101821

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

[mdpi.com/journal/
cleantechnol](https://mdpi.com/journal/cleantechnol)





Clean Technologies

an Open Access Journal
by MDPI

Impact Factor 4.7
CiteScore 8.3



[mdpi.com/journal/
cleantechnol](https://mdpi.com/journal/cleantechnol)



About the Journal

Message from the Editor-in-Chief

Clean Technologies (ISSN 2571-8797) is an international, open access journal of novel scientific research on technology development aimed at reducing the environmental impact of human activities. *Clean Technologies* publishes reviews, regular research papers, communications and short notes which show a significant advance in the development of sustainable technology that reduces energy consumption, environmental pollution and/or the use of water and nonrenewable resources. Our aim is to encourage scientists to publish their experimental and theoretical research in detail as open access, serving a trustable base of advance for the scientific community.

Editor-in-Chief

Prof. Dr. Patricia Luis Alconero

Materials & Process Engineering, UCLouvain, Place Sainte Barbe 2,
1348 Louvain-la-Neuve, Belgium

Author Benefits

High Visibility:

indexed within Scopus, ESCI (Web of Science), Inspec, AGRIS, RePEc, and other databases.

Journal Rank:

JCR - Q2 (Environmental Sciences) / CiteScore - Q1
(Environmental Science (miscellaneous))

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 20 days after submission; acceptance to publication is undertaken in 10.6 days (median values for papers published in this journal in the second half of 2025).