

Special Issue

Multifunctional Materials for Green Energy Development and Storage

Message from the Guest Editor

Dear colleagues, Energy is the principal requisite of mankind. The only way to meet up the energy needs is to harness the most unswerving and supportable energy from renewable resources and facilitate the contemporary civilization. Amongst all the natural energy sources, solar energy has exceedingly engrossed the global researchers. Its remarkability relies on the fact that it is the most everlasting silent source of energy and not harmful to the ecology. It has become today's mandate to undergo researches in order to make provisions for sufficient energy harvesting and simultaneous energy storage by photoelectric conversion and to cultivate immediate energy storage systems from this intermittent light energy to aid the power scarcities of the human race. The aim of this special issue is to find new polymeric based composites multi-functional materials which have some outstanding properties. And to find the new research on green energy development and storage. High dielectric, piezoelectric, pyroelectric materials i.e. electro active polymers, bio-materials, nanomaterials etc. are the main focus of this issue.

Guest Editor

Dr. Pradip Thakur
Department of Physics, Netaji Nagar College for Women, Kolkata
700092, India

Deadline for manuscript submissions

closed (30 July 2022)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/109348

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

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





Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



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



About the Journal

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. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full 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. Steve W. Lyon

School of Environment and Natural Resources, Ohio State University,
Columbus, OH 43210, USA

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE and SSCI (Web of Science), GEOBASE, GeoRef, Inspec, RePEc, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Environmental Studies) / CiteScore - Q1
(Geography, Planning and Development)