



Towards Energy Sustainability: Thermal Analysis and Renewable Energy Studies

Guest Editor:

Dr. Rahul R. Bhosale

College of Engineering and
Computer Science, University of
Tennessee, 615 McCallie Avenue,
Chattanooga, TN 37403-2598,
USA

Deadline for manuscript
submissions:

31 October 2024

Message from the Guest Editor

Thermal analysis is a powerful technique used to study the thermal behavior of materials under different conditions. It involves the measurement and analysis of changes in temperature, heat flow, and other related properties of a material as a function of time and temperature. This analysis helps us to understand the thermal stability, performance, and behavior of materials. It provides critical insights into the physical and chemical changes that occur in materials as a result of temperature changes, which is important for designing and optimizing various industrial processes.

Renewable energy studies are focused on exploring and developing alternative sources of energy that are sustainable and environmentally friendly. This field encompasses a wide range of research areas, such as solar, wind, hydro, geothermal, and bioenergy, among others. The goal is to find ways to harness these energy sources efficiently and economically to reduce our reliance on nonrenewable resources like fossil fuels. Renewable energy studies involve the development of new technologies, processes, and materials to improve the efficiency and cost-effectiveness of renewable energy sources.





an Open Access Journal by MDPI

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

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.

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, AGRIS, RePEc, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q2 (*Environmental Studies*) / CiteScore - Q1 (Geography, Planning and Development)

Contact Us

Sustainability Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/sustainability
sustainability@mdpi.com
[X@Sus_MDPI](https://twitter.com/Sus_MDPI)