

Special Issue

Functional Nano and Microstructures for Sustainable Development: Energy and Environment

Message from the Guest Editors

The aim of this Special Issue is to present the effect of materials engineering on various applications of nano and microstructures for energy harvesting and storage. The energy conversion by means of piezoelectric, thermal, magnetic, magnetoelectric, pyroelectric, electro/magneto-caloric, chemical, and/or hybrid properties for sensors and actuators. The Special Issue also addressed issues of energy storage and finding effective means to improve their efficiencies. Examples include, but are not limited to, ferroelectric energy storage, electrode, and electrolyte materials for batteries, supercapacitors, solid-state hydrogen storage, nanostructured solar cells, and heterogeneous catalysts. We look forward to receiving your contributions.

Guest Editors

Dr. Eskilla Venkata Ramana

Dr. Syam Sundar Lingala

Dr. Manuel Almeida Valente

Deadline for manuscript submissions

closed (13 October 2023)



Sustainability

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Impact Factor 3.3
CiteScore 7.7



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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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