

Special Issue

Advanced Energy Materials for Sustainability

Message from the Guest Editors

Growing energy demands, limited fossil fuel availability, and environmental concerns have promoted the study and development of new ecofriendly sustainable technologies that could provide humanity with a safe and sustainable future. Advanced materials with novel structures and new application directions have the greatest potential impact on the energy society. Bioinspired advanced materials can provide clean energy resources as well as a sustainable environment, which can play a crucial role in providing new strategies to accumulate different energies using different green resources. The current Special Issue is devoted to advanced-material-based energy harvesting and storage applications using different technologies, such as piezoelectric, triboelectric, solar, supercapacitors, etc., for sustainable society developments. The motivation of the present Special Issue is to explore future strategies in the abovementioned areas using bioinspired materials, which are of great interest to the scientific community, including academic researchers, environmentalists, materials scientists, and industrialists.

Guest Editors

Dr. Sumanta Kumar Karan
Prof. Dr. Bhanu Bhusan Khatua
Dr. Sagar Shirsath

Deadline for manuscript submissions

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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. 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

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