



Energy Transition Amidst Climate Change and Sustainability

Guest Editors:

Dr. Kentaka Aruga

Graduate School of Humanities and Social Sciences, Saitama University, 255 Shimo-Okubo, Sakura-ku, Saitama City, Japan

Dr. Md. Monirul Islam

Associate Professor, Department of Agricultural Economics, Bangladesh Agricultural University, Mymensingh 2202, Bangladesh

Dr. Arifa Jannat

Institute of Agribusiness and Development Studies (IADS), Bangladesh Agricultural University, Mymensingh 2202, Bangladesh

Deadline for manuscript submissions:

31 October 2025

Message from the Guest Editors

Dear Colleagues:

Energy transition refers to the global shift from traditional fossil fuel-based energy systems (such as coal, oil, and natural gas) to renewable and sustainable energy sources (such as solar, wind, hydro, geothermal, and biomass). This transition is essential for reducing greenhouse gas emissions, mitigating climate change, and ensuring a sustainable energy future. As the impacts of global warming become increasingly severe, the urgency for an energy transition is growing. In addition to mitigating and adapting to address the severe impacts of global warming, the issue of sustainability is also becoming increasingly crucial. Additionally, the transition to sustainable development amidst climate change is essential for achieving carbon neutrality and reducing the impacts of climate change by decarbonizing the energy sector.

This Special Issue seeks to solicit studies related to energy transition concerning mitigation and adaptation strategies for global warming. By exploring the technical, environmental, economic, social, and policy dimensions of this transition, stakeholders can develop comprehensive strategies to achieve global sustainability goals.





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