Special Issue

Carbon Economy for Sustainable Development: Theoretical and Applied Research

Message from the Guest Editors

This Special Issue. Carbon Economy for Sustainable Development: Theoretical and Applied Research. seeks to advance interdisciplinary research on the systemic integration of carbon management strategies into economic frameworks to accelerate global sustainability transitions. By focusing on the carbon economy, this Issue will explore how economic systems can be restructured to align with climate goals through innovative policies, market mechanisms, and sectorspecific decarbonization pathways. The Special Issue aims to bridge gaps between economic theory and sustainability practice by examining carbon pricing mechanisms, industrial decarbonization strategies, and the socio-economic impacts of low-carbon transitions. It will emphasize interdisciplinary approaches—spanning economics, environmental science, and policy analysisto evaluate the efficacy of carbon economy models in reducing emissions while maintaining economic resilience. You can find more information on the aims and scope of our journal at the following link: https://www.mdpi.com/journal/sustainability/about.

Guest Editors

Prof. Dr. Wei Zhang

School of Economics and Management, China University of Geosciences, Wuhan, China

Dr. Xuemeng Liu

Business School, Chengdu University of Technology, Chengdu, China

Deadline for manuscript submissions

8 May 2026



Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



mdpi.com/si/240390

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

mdpi.com/journal/ sustainability





Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



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)

