Special Issue

Sustainable Energy Trade and Environmental Performance: Technological Innovations and Human Responses

Message from the Guest Editors

As the global community increases efforts to meet climate goals and transition toward low-carbon economies, the sustainable energy trade has emerged as a key mechanism of aligning economic growth with environmental responsibility. However, beyond technological advancement, the success of these transitions depends heavily on human behavior, perception, and psychological adaptation to climate change. This Special Issue explores the intersection of smart technologies like artificial intelligence with the cognitive and social dimensions of sustainability. We welcome contributions that investigate how digital tools, policy frameworks, and innovative energy trade models influence environmental performance, while also addressing psychological and behavioral responses to climate-related risks and transitions. Research focused on the human factors driving energy decisions, climate anxiety, sustainability awareness, and behavioral interventions is particularly encouraged, alongside studies of Al-driven optimization, smart energy systems, and carbon accounting innovations.

Guest Editors

Dr. András Szeberényi

Institute of Marketing, Budapest Metropolitan University, Nagy Lajos Kiraly utja,1-9, 1148 Budapest, Hungary

Dr. Norbert Bozsik

Institute of Agricultural and Food Economics, Hungarian University of Agriculture and Life Sciences, 2100 Gödöllő, Hungary

Dr. Vilmos Vass

Budapesti Metropolitan Egyetem, Budapest, Hungary

Deadline for manuscript submissions

31 May 2026



Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



mdpi.com/si/242511

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)

