

Special Issue

Greenhouse Gas Mitigation in the Energy-Intensive Heavy Industry

Message from the Guest Editors

Energy-intensive heavy industry is the foundation of our modern society and is the essential component of all product value-chains transforming natural sources into intermediate products for the Technosphere. A sustainable and resilient industrial network of basic raw materials ensures the security and prosperity of the global economy. Nevertheless, large greenhouse gas (GHG) emissions may occur during the procedure of such transformations. Their mitigation is an outstanding challenge for the near future. Toward this end, science must offer its hand to industrial stakeholders in finding a way toward tackling climate change. We invite researchers, industrial stakeholders, and politicians to publish their scientifically based communications on GHG mitigation in energy-intensive industrial processes.

Guest Editors

Dr. Balint Simon

Chair of Operations Management, RWTH Aachen University, Germany

Prof. Dr. Stefan Lechtenböhmer

Wuppertal Institute for Climate, Environment and Energy, Wuppertal, Germany; Lund University, Sweden

Deadline for manuscript submissions

closed (31 October 2022)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/56175

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

[mdpi.com/journal/
sustainability](https://mdpi.com/journal/sustainability)





Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



[mdpi.com/journal/
sustainability](https://mdpi.com/journal/sustainability)



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)