

Special Issue

Analysis of Logistics and Supply Chain Systems for Sustainable Development

Message from the Guest Editors

Logistics has become the physical backbone of manufacturing and service value chains, and its optimization now spans strategic network design, tactical modal-split and capacity choices, operational routing and scheduling, and collaborative inter-firm coordination. Freight transportation, inventory in motion, packaging, and last-mile distribution collectively consume up to one-third of global transport energy and generate the majority of CO₂, NO_x, and particulate emissions. Supply chain systems embed these logistic movements within end-to-end flows, from raw material extraction to post-consumer recovery. Green supply chain design, therefore, integrates green corridor selection, carbon footprint-balanced sourcing, reverse logistics loops for packaging and end-of-life products, and dynamic risk management against disruptions. This Special Issue brings together the latest research in this field. Scholars are invited to submit original papers that propose innovative optimization models, empirical assessments, or policy frameworks addressing the intersection of transportation logistics, carbon mitigation, and economic resilience.

Guest Editors

Prof. Dr. Guanghui Zhou

School of Economics and Management, University of Chinese Academy of Sciences, No. 80 Zhongguancun East Road, Beijing 100190, China

Dr. Dengyuhui Li

School of Logistics, Beijing Wuzi University, No. 321 Fuhe Street, Beijing 101149, China

Deadline for manuscript submissions

30 June 2026



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 8.9



mdpi.com/si/255248

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 8.9



[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)