

Special Issue

Digital Innovation for Sustainable Logistics and Supply Chain Emissions Reduction

Message from the Guest Editor

This Special Issue aims to explore how advanced digital technologies can be leveraged to transform logistics and supply chain systems into becoming sustainable, resilient, and efficient. Logistics and supply chain companies are under pressure to reduce their environmental footprint and improve provided service reliability and economic performance. Digital transformation enables powerful tools to help achieve these goals through real-time visibility, operational optimization, intelligent automation, and advanced analytics. I have provided a few examples of possible topics below, but I welcome papers on any topic related to the subject of this Special Issue:

- Digital tools for carbon emissions monitoring and operations management;
- Supply chain decarbonization through data-driven planning and process optimization;
- Smart logistics, warehousing, green fleet management, and low-emission routing;
- Digital twins, logistics systems change simulations, and environmental gains;
- AI-based tools for minimizing logistics externalities;
- Cost-benefit and ROI evaluation;
- Strategic frameworks for sustainable digital supply chain transformation;
- LCA methodologies important for digital transformation.

Guest Editor

Dr. Aurelija Burinskienė

Institute of Dynamic Management, Business Management Faculty,
Vilnius Gediminas Technical University, Vilnius, Lithuania

Deadline for manuscript submissions

2 May 2026



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/246867

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)