



Sustainable Supply Chain Management under the Effect of Renewable Energy

Guest Editors:

Dr. Mitali Sarkar

Information Technology
Research Center, Chung-Ang
University, Seoul 06974, South
Korea

mitali@cau.ac.kr

Prof. Dr. Biswajit Sarkar

Department of Industrial
Engineering, Yonsei University,
Seoul 03722, Korea

bsarkar@yonsei.ac.kr

Deadline for manuscript
submissions:

31 December 2021

Message from the Guest Editors

The sustainability of supply chain management implies the strong holding of the three pillars, which are economic, environmental, and the social benefit of the whole management. To maintain supply chain profit, the major effect can be achieved through the process of remanufacturing, the use of reusable products, renewable energy, recycling and refurbishment, and finally waste management. Carbon emissions can be controlled through a flexible production system instead of a traditional production system. During the controlling of the flexible production system, huge machines and skilled laborers are needed. In this way, the supply chain can be made sustainable. However, the big impact is coming from the renewable energy. Non-renewable energy is not infinite, limiting its utilization. Thus, the necessity of renewable energy is very much relevant to maintaining sustainable supply chain management. The aim of this Special Issue is to obtain new innovative research articles based on the application of sustainability in supply chain management in several aspects.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and
Applied Science, University of
Ontario Institute of Technology,
Oshawa, ON L1G 0C5, Canada

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.

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](#), [Inspec](#), [AGRIS](#), [RePEc](#), [CAPlus / SciFinder](#), and many [other databases](#).

Journal Rank: [JCR](#) - Q2 (*Environmental Sciences*) / [CiteScore](#) - Q1 (*Geography, Planning and Development*)

Contact Us

Sustainability
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
Fax: +41 61 302 89 18
www.mdpi.com

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