Special Issue

The Role of Industry 4.0 in Supply Chain Management

Message from the Guest Editors

The focus of this Special Issue (SI) lies at the intersection of supply chain management and I4.0, specifically on how I4.0, along with its enabling technologies, is reshaping the theory and practice of Supply Chain Management (SCM). Some of the questions this SI wants to answer are:

- Is there an actual relationship between SCM and I4.0?
- Is it possible to quantitatively evaluate the impact of I4.0 on SC performance?
- How are the I4.0 technologies supporting novel operating modalities of SCs?
- How to discriminate the impact of the various I4.0 technologies on the effectiveness and efficiency of SCs? Is it possible to classify these technologies in some way?

With this Special Issue, we want to solicit research endeavours that help answer some of the above questions but also dissect the multifarious reality that characterizes manufacturing SCs in the I4.0 era. Specifically, beyond technology-driven supply chain management applications, we welcome contributions with quantitative and qualitative methodologies, analytical and data-driven optimisation, and simulation.

Guest Editors

Prof. Dr. Mosè Gallo

Department of Chemical, Materials and Industrial Production Engineering, University of Naples Federico II, 80125 Naples, Italy

Dr. Davide Castellano

Department of Chemical, Materials and Production Engineering, University of Napoli Federico II, 80125 Naples, Italy

Deadline for manuscript submissions

closed (31 October 2023)



Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



mdpi.com/si/147662

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)

