

Special Issue

Warehouse 4.0: Best Practices, Opportunities, and Challenges

Message from the Guest Editor

The 4th Industrial Revolution (Industry 4.0) for logistics management (Logistics 4.0) is based on the Internet-of-Things for the interconnection of technologies such as robots, artificial intelligence, intelligent sensors, and flexible production systems, as well as innovative computing practices such as big data analysis, cloud computing, and business intelligence. The objective of Logistics 4.0 is to operate autonomously the available resources for the daily tasks of the logistics system. The digital revolution and Industry 4.0 play a vital role in supply chains. Companies that use Warehouse 4.0 solutions try to reduce their operating costs through more efficient inventory management and the available resources while increasing the level of provided services to the market. The considerable number of Warehouse 4.0 research and business initiatives prove that warehousing is continuously changing, bringing many opportunities and challenges. These aspects of Warehouse 4.0 are the main objective of this Special Issue.

Guest Editor

Assoc. Prof. Dimitris Folinas

Department of Supply Chain Management, International Hellenic University, Kanellopoulou 2, Katerini, Greece

Deadline for manuscript submissions

closed (31 January 2021)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/35237

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. *Sustainability* publishes original research articles, review 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. Marc A. Rosen

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

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, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Environmental Studies) / CiteScore - Q1
(Geography, Planning and Development)