



## Digitalization of Supply Chains and Its Effect on Sustainability

Guest Editors:

**Dr. Elcio Mendonça Tachizawa**

Department of Organization  
Engineering, Business  
Administration and Statistics,  
Universidad Politécnica de  
Madrid; 28040 Madrid, Spain

**Dr. María José Montes-Sancho**

Department of Business  
Administration, Universidad  
Carlos III de Madrid, Calle Madrid,  
126, 28903 Getafe, Madrid, Spain

Deadline for manuscript  
submissions:

**closed (30 January 2023)**

### Message from the Guest Editors

Dear Colleagues,

Recent developments in the digitalization of supply chains have created both challenges and opportunities for companies – digitalization being defined here as “the use of digital technologies to innovate a business model and provide new revenues streams and value-producing opportunities in industrial ecosystems” (Parida et al, 2019). Trends such as blockchain, additive manufacturing, industrial internet of things (IoT), 5G networks, and big data analytics are pushing firms to rethink their supply chains and, eventually, their whole business model.

This Special Issue aims at advancing knowledge on this area. More specifically, we welcome high-quality studies that address how the digitalization of supply chains is affecting sustainability. The focus is not on the technology per se, but how that technology can transform how companies think about and manage sustainability issues.





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. *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.

## 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, AGRIS, RePEc, CAPlus / SciFinder, and other databases.

**Journal Rank:** JCR - Q2 (*Environmental Studies*) / CiteScore - Q1 (Geography, Planning and Development)

## Contact Us

---

*Sustainability* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/sustainability](http://mdpi.com/journal/sustainability)  
[sustainability@mdpi.com](mailto:sustainability@mdpi.com)  
X@Sus\_MDPI