



Advanced Technologies and Smart Supply Chains

Guest Editors:

Prof. Dr. Helena Carvalho

UNIDEMI, Department of
Mechanical and Industrial
Engineering, Faculty of Science
and Technology, FCT,
Universidade Nova de Lisboa,
2829-516 Caparica, Portugal

Prof. Dr. Susana Azevedo

Faculdade de Economia,
Universidade de Coimbra,
Coimbra, Portugal

Dr. Carina Pimentel

GOVCOPP, Department of
Economics, Management,
Industrial Engineering and
Tourism, University of Aveiro,
3810-193 Aveiro, Portugal

Deadline for manuscript
submissions:

closed (31 March 2021)

Message from the Guest Editors

Dear Colleagues,

The COVID-19 pandemic has stressed the need to develop more resilient supply chains based on innovative, digital, and smart technologies that help to strengthen the sustainability of supply chains and business. The “smart supply chain” vision includes a supply chain-wide systematic use of “smart” implementations at different levels, not just considering the single/cross-department and enterprise levels, but also the business-to-business level. This includes the deployment of advanced technologies such as IoT, big data analytics, smart machines/products, augmented reality, and additive manufacturing, among others, within the company's internal processes but also with their suppliers and customers. The objective is to develop a new set of capabilities in supply chain management processes such as interconnectivity and information transparency, fully enabling data collection and real-time communication across all supply chain stages, intelligent decision-making, and efficient and responsive processes.





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, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

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