Special Issue

Digital Technologies as Enabling Strategies for the Sustainable Transition of Productive Systems

Message from the Guest Editors

It is well known that "technology" has slowly but progressively pervaded our lives. The focus on a more sustainable economy represents awareness on the part of entrepreneurs and their stakeholders. We are now living in a double transition, dealing with both digitaltechnological and sustainability needs. In this era, managing production processes requires a strong ability to revisit business models as well as the concept of production itself to be contextually based on the satisfaction of benefits coming from three different strategies: a) well-balanced economic, social, and environmental interactions, b) industrial symbiosis, and c) circular models. Digital technologies must first be understood and evaluated in order to support and respect the "DNSH principle". The objective of this Special Issue is to provide an overview of the current state of the art on applied research and best practices regarding the use of digital technologies to support production processes in order to move them towards a more robust "global sustainability" vision as far as companies themselves, their stakeholders, and the social communities as a whole are concerned.

Guest Editors

Dr. Pasqualina Sacco Independent Researcher, Bolzano, Italy

Prof. Dr. Fabrizio Mazzetto

Faculty of Science and Technology, Free University of Bolzano, Bolzano, Italy

Deadline for manuscript submissions

closed (30 April 2025)



Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



mdpi.com/si/148592

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. *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 OC5, 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, CAPlus / SciFinder, and other databases.

Journal Rank:

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

