

Special Issue

Sustainability and Industry 4.0: New Perspectives of Industry 4.0 Realization in Sustainability Context

Message from the Guest Editors

The focus of this Special Issue is the investigation of Industry 4.0 opportunities for strengthening the supply chain from a sustainability perspective. Considering the capabilities of Industry 4.0 for enabling real-time data communication among operational agents over the whole production and supply chain, the focus will be to propose and search for solutions which help firms from a sustainability perspective. The overall research contributions are welcomed to answer the following questions but are not limited to:

- How issues such as lack of visibility (due to complexity) or lack of interoperability (due to high interaction level) may impact Sustainability in I4.0 context?
- How real time data collection, communication and processing as well as intelligent decision making can support Sustainability?
- How to integrate Sustainability concerns in interoperability research and architectures especially with paradigms like IoT and digital twins in I4.0?
- Is sustainability a common driver of technological innovation in I4.0 context?

Guest Editors

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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

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