

Special Issue

The Impact of Industry 4.0 on Sustainability and the Circular Economy

Message from the Guest Editors

This Special Issue aims to reveal the high potential of Industry 4.0 in supporting implementation, and the integration of sustainability and CE practices in the industrial domain. In line with this aim, research contributions that focus on the identification of relationships, synergies, complications and challenges between Industry 4.0, sustainability and CE concepts are particularly encouraged. Hot research areas include, but are not limited to:

- The relationships between the I4.0 and the economic, environmental and social dimensions of sustainability, and their specific indicators, e.g., energy consumption, emissions, health and safety, etc.
- I4.0 concepts and models for facilitation and/or catalysis of industrial implementation of sustainability and CE
- The enablers and barriers/complications to the adoption of I4.0-based sustainability and CE
- I4.0-based decision making models for integration, and the improvement of organizational and supply chain sustainability
- I4.0 and associated response strategies to industrial sustainability issues (e.g., security of supply, occupational health and safety etc.) introduced by the COVID-19 pandemic

Guest Editors

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Deadline for manuscript submissions

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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. 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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