## **Special Issue**

# Sustainable Circular Economy in Industry 4.0

## Message from the Guest Editors

The focus of this Special Issue is on circular economy and Industry 4.0 research that can improve sustainability practices, efficiency, and performance in organizations through resource and technological support optimization in the multisensory immersive extended reality-based digital economy. The scope is to integrate research clarifying how smart product manufacturing, artificial intelligence algorithms, and big data processing and blockchain technologies enable sustained circular supply chain operations and performance, management practices, and product digitalization. The purpose is to show how Artificial Intelligence of Things, cloud computing services, and digital twin simulation and modeling technologies assist sustainable product management decision-making in resource planning and logistics, optimizing economic and environmental performance. This Special Issue aims to supplement, or relate to, the existing literature by integrating research, demonstrating how renewable energy and low-carbon technologies can be deployed in the organizational management and decision support of circular and sustainable smart production and manufacturing processes.

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## Deadline for manuscript submissions

closed (20 November 2025)



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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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