

Special Issue

Low-Carbon Future: Innovations in Digital Supply Chain Optimization and Circular Economy

Message from the Guest Editors

The escalating impacts of climate change and the urgent need for carbon neutrality have propelled low-carbon transitions to the forefront of global agendas. Digitalization (e.g., big data, AI, BT, IoT) offers unprecedented opportunities to optimize supply chains, reducing inefficiencies and emissions, while the circular economy (CE) promotes resource loops to minimize waste—collectively, these pillars are critical for sustainable development. This Special Issue aims to bridge this gap by deepening innovative research on the optimization of digital supply chains and circular economy to advance low-carbon goals. We are pleased to invite contributions from researchers, practitioners, and academics to explore innovative approaches, methodologies, and case studies that bridge the gap on the optimization of digital supply chains and circular economy. Topics of interest encompass a wide range of subjects, from digital supply chain management and circular economy in low-carbon futures. We look forward to receiving your contributions.

Guest Editors

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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.

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