

Special Issue

Circular Economy in the Digital Age

Message from the Guest Editors

The circular economy is recognized by industrials, scholars, and policymakers as a promising approach to jointly advance the sustainability and competitiveness of supply and value chains, given its ability to decouple economic growth from resource consumption and waste generation. Moving companies towards the circular economy involves fundamental changes in industrial ecosystems and a systemic redesign of business models, supply chains, production processes, products development, and consumption patterns. Several challenges arise in this transformation. The digital age we live in offers companies many opportunities for overcoming the challenges. Digital 4.0 technologies can support the implementation of circular economy principles into business by enabling new business models and the redesign of value chains, products, and consumption patterns towards a new smart circular economy paradigm. This issue calls for a more critical discussion and outlook on this topic. We invite articles integrating a system perspective into rigorous research, describing and prescribing how digital technologies can enable the different aspect of the Smart Circular Economy paradigm.

Guest Editors

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Deadline for manuscript submissions

closed (31 August 2021)



Sustainability

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Impact Factor 3.3
CiteScore 7.7



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