

Special Issue

Emerging Research in Digital Economy and Carbon Emissions

Message from the Guest Editors

With the continuous development of economic level and improvement of social welfare, there is also a serious climate crisis. Large amounts of carbon emissions have led to extreme climate phenomena such as frequent droughts and glacier melting. Therefore, the promotion of carbon emission reduction has become a major issue that countries around the world need to address urgently. The digital economy, with data as a factor of production and digital technology as a support, will certainly make disruptive changes in the way economic development progresses, and in production structure. As a new economic form, the digital economy has the advantages of being green, fostering innovation and enabling sharing, which can reduce carbon emissions through their effects on infrastructure, resource allocation and structural optimization. This Special Issue collection brings together state-of-the-art literature and practice to help us understand the effects of the digital economy on carbon emissions, and to find the most promising solutions to reduce carbon emissions and mitigate climate change. We invite you to submit your cutting-edge research for consideration.

Guest Editors

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Deadline for manuscript submissions

closed (25 October 2023)



Sustainability

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Impact Factor 3.3
CiteScore 7.7



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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.

Editor-in-Chief

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