

Special Issue

AI-Powered Commerce: Enhancing Sustainability Through Smart Applications

Message from the Guest Editor

In the current era, where digital transformation and sustainable development are becoming increasingly intertwined, emerging technologies play a pivotal role in business operations and social governance. In particular, the rapid advancement of artificial intelligence and big data analytics not only revolutionizes electronic commerce and green supply chain management but also provides novel tools and analytical approaches for supporting environmental, social, and governance (ESG) initiatives.

The purpose of this Special Issue is to create a platform for the exchange of academic and industrial research, with the goal of advancing our understanding of how AI and big data can be practically applied in the transformation of e-commerce and sustainable supply chains. It aims to bridge the gap between ESG policies and technical solutions by examining how emerging technologies enable ESG practices to become actionable strategies. This issue not only highlights mechanisms through which AI and big data enhance digital resilience and sustainability in enterprises but also emphasizes the tangible contributions of these technologies to carbon reduction, energy saving, and social responsibility.

Guest Editor

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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

Prof. Dr. Steve W. Lyon

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