

Special Issue

Harnessing the Digital Economy for Environmental Pollution Control: Policies, Practices, and Perspectives

Message from the Guest Editors

The rapid development of the digital economy is now transforming industrial and economic structures around the world, providing new tools and approaches to address long-standing environmental challenges. For example, the digital economy, including big data, artificial intelligence (AI), and blockchain, offers innovative solutions to reduce environmental pollution, optimize resource use and promote green practices. This Special Issue aims to explore the role of the digital economy in promoting environmental sustainability. Key issues include, but are not limited to: digital policy, enterprise digitization, the platform economy, and the role of smart cities and the Internet of Things (IoT) in environmental regulation or in advancing environmental sustainability. This Special Issue welcomes contributors to submit papers that fall within the scope of our proposal. We encourage contributors to suggest ways to better integrate digital tools into environmental governance and to identify the main challenges faced by different sectors in implementing these strategies.

Guest Editors

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Deadline for manuscript submissions

closed (31 December 2025)



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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

Prof. Dr. Steve W. Lyon

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