Special Issue

Circular Economy and Sustainable Transition Under the Dual Carbon Target

Message from the Guest Editor

This Special Issue integrates circular economy (CE) principles with sustainable transitions to address China's dual carbon goals. It highlights CE-driven innovations (waste valorization, eco-design, industrial symbiosis) as catalysts for decarbonization, focusing on emission reduction, resource productivity, and equitable socio-economic outcomes. Covering diverse sectors (industry, energy, agriculture, urban systems) and methodologies (modeling, policy analysis, case studies), contributions explore life cycle assessments, green finance, theoretical frameworks, and behavioral shifts in production/consumption. By bridging CE and climate action, the collection provides actionable insights for policymakers, businesses, and researchers to align environmental goals with economic resilience. Unlike fragmented prior work, it emphasizes systemic integration, introducing novel metrics to quantify sustainability trade-offs/synergies and addressing policy coherence gaps in emerging economies. This advances Sustainability's mission by linking CE practices to measurable outcomes, promoting monitoring tools, and advocating balanced environmental-social-economic policies.

Guest Editor

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Deadline for manuscript submissions

31 August 2026



Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



mdpi.com/si/232345

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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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