

## 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.

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### Guest Editor

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### Deadline for manuscript submissions

31 December 2025



**Sustainability**

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### Editor-in-Chief

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