

## Special Issue

# Circular Economy and Green Technology for Sustainable Development

### Message from the Guest Editors

In recent decades, the pressing challenges posed by environmental degradation, climate change, and resource scarcity have intensified the global demand for sustainable development models. As traditional linear economic systems ("take–make–dispose") prove to be increasingly unsustainable, the circular economy (CE) has emerged as a transformative paradigm that promotes the decoupling of economic growth from resource consumption through restorative and regenerative industrial processes. The integration of CE principles with green technological innovation is increasingly seen as a synergistic approach to achieving the United Nations Sustainable Development Goals (SDGs), particularly those related to responsible consumption and production (SDG 12), climate action (SDG 13), and industry innovation and infrastructure (SDG 9). This Special Issue of *Sustainability* aims to advance the academic and practical discourse on the interconnections between circular economy strategies and green technological innovation in the pursuit of sustainable development.

### Guest Editors

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Dr. Giuseppina Maria Cardella

### Deadline for manuscript submissions

15 April 2026



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**Impact Factor 3.3**  
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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. *Sustainability* publishes original research articles, review 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.

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### Editor-in-Chief

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