

Special Issue

Sustainable Waste Management: Recycling for a Green Environment

Message from the Guest Editors

In the context of climate instability, environmental degradation, and increasing pressure on natural resources, sustainable waste management is more important than ever. At the heart of this transition lies recycling—both material and organic—which reduces pollution, conserves raw materials, saves energy, and helps build more circular and resilient societies. Recycling plays a central role in shaping what we call a green environment—not just a cleaner ecosystem, but a regenerative system where resources flow in closed loops, waste is minimized, and environmental, economic, and social benefits are achieved together. From recovering plastics and metals to composting organic waste, recycling is essential in terms of reducing landfill dependency and enabling low-emission development pathways. This Special Issue aims to bring together contributions that examine recycling as a key strategy of the circular economy and resource efficiency, supporting the long-term vision of climate-resilient, inclusive, and green environments. We invite original research and reviews with interdisciplinary, applied, or systems-based perspectives on sustainable recycling practices.

Guest Editors

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Deadline for manuscript submissions

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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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