

Topical Collection

Waste Management towards a Circular Economy Transition

Message from the Collection Editors

The circular economy debate has gained momentum among industries and research communities over the recent years. The transition from a linear economy to a circular economy model in every sector significantly requires the adoption of effective waste management policies, strategies, and actions. This Special Issue aims at contributing to the domain with novel approaches, advancements, and practices in waste management systems towards the implementation of circular economy principles. Research areas may include (but are not limited to) the following:

- Enabling the circular economy transition in the healthcare industry.
- Environmental impacts and lifecycle assessment of different waste streams in circular economy arena.
- The bio-based sector potentials in implementing circular bioeconomy platforms.
- Food waste management.
- Municipal solid waste management.
- Plastic waste management.
- Construction and demolition waste management.
- E-waste management.
- Agricultural waste management.
- Waste biorefinery approaches in enabling circular economy platforms.
- Energy recovery from waste or waste valorization.
- The COVID-19 pandemic implications for waste management.

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