



Circular Economy Strategies for Sustainable Development: Applications and Impacts

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Message from the Guest Editor

Dear Colleagues,

Circular economy appears as a response to the need to create a more balanced society, which guarantees sustainable development and promotes the regeneration of resources. Specific circular strategies include designing longer lasting products, enhanced services and business models among other approaches, calling upon alternative reusable and recyclable options to lower fossil-based resources consumption, within more energy-efficient processes to emit less or no CO₂ emissions. These contribute to limiting the pollution of natural systems and to restore biodiversity, as resource recirculation for instance in value cascades or repurpose routes are applied instead of end-of-life scenarios. Decarbonising the economy and decoupling growth from the intensive consumption are the ultimate goals to achieve sustainability and a more resilient society.

This Special Issue is dedicated to original full length works, reviews or case study applications describing circular economy schemes, as well as their impacts in the environment and in society, as enablers of a healthier environment, a balanced humanity and a successful achievement of sustainable development.





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Message from the Editor-in-Chief

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