

Special Issue

Circular Economy Strategies for Sustainable Development: Applications and Impacts

Message from the Guest Editor

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.

Guest Editor

Dr. Ana Ramos

Institute of Science and Innovation in Mechanical and Industrial Engineering, 4200 Porto, Portugal

Deadline for manuscript submissions

closed (31 January 2023)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/75697

Sustainability
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sustainability@mdpi.com

[mdpi.com/journal/
sustainability](https://mdpi.com/journal/sustainability)





Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



[mdpi.com/journal/
sustainability](https://mdpi.com/journal/sustainability)



About the Journal

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. *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.

Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and Applied Science, University of Ontario
Institute of Technology, Oshawa, ON L1G 0C5, Canada

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE and SSCI (Web of Science), GEOBASE, GeoRef, Inspec, RePEc, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Environmental Studies) / CiteScore - Q1
(Geography, Planning and Development)