

Topical Collection

Blockchain Fostering Sustainability: Challenges and Perspectives

Message from the Collection Editors

Never before has such a massive effort been made to boost the use of blockchain in institutional policy and business, despite criticisms about illegal uses and social consequences of cryptocurrencies. Among its numerous applications, in our opinion blockchain could foster new and challenging opportunities in sustainability issues. Sharing medical data, energy generation and distribution in microgrids at citizen level, new state-minted cheaper cryptocurrencies, and smart contracts may benefit from the widespread blockchain, and sustainability issues may benefit from the adoption of this technology at a worldwide level. From this point of view, blockchain may become a driver of social change. Our intention is to make this Special Issue of *Sustainability* a discussion forum where various experiences and points of view can be presented. We invite authors to exchange results of research on relations between blockchain and sustainability and the role in the circular economy of the newly, public distributed ledger of transactions. Together, we can reach solutions to the numerous problems encountered in the application of blockchain in sustainability issues.

Collection Editors

Prof. Dr. Caterina Tricase

Prof. Dr. Angela Tarabella

Prof. Dr. Roberto Leonardo Rana

Prof. Dr. Pasquale Giungato



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/56556

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)