

## 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.

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### Collection Editors

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## Sustainability

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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.

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