



## Sustainable Blockchain Applications in Intelligent Transportation and Logistics Management

Guest Editors:

**Prof. Dr. Zhaolong Ning**

School of Communication and Information Engineering,  
Chongqing University of Posts and Telecommunications,  
Chongqing, China

**Dr. Weijing Qi**

School of Communication and Information Engineering,  
Chongqing University of Posts and Telecommunications,  
Chongqing, China

Deadline for manuscript submissions:

**closed (30 December 2023)**

### Message from the Guest Editors

Blockchain is a distributed ledger which enables participants to establish a consensus on the record of transactions. Blockchain guarantees the fidelity and security of data records and generates trust with no need for a trusted third party. Therefore, it has become one of the most promising technologies in various industries, especially in the intelligent transportation and logistics management areas. With a shared digital ledger that records transactions, Blockchain can realize real-time information interactions, thus improving the efficiency and security of logistics operations. However, we are still in the early stages of unlocking the true potential of Blockchain technology in intelligent transportation and logistics management. There are many challenges that need to be addressed for Blockchain's practical application. These challenges includes scalability, privacy, interoperability, efficiency, energy consumption and other issues.

This Special Issue seeks original, unpublished papers presenting proposals for sustainable Blockchain applications in intelligent transportation and logistics management.





an Open Access Journal by MDPI

## Editor-in-Chief

### **Prof. Dr. Steve W. Lyon**

School of Environment and  
Natural Resources, Ohio State  
University, Columbus, OH 43210,  
USA

## 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.

## 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](#), [CAPlus / SciFinder](#), and [other databases](#).

**Journal Rank:** JCR - Q2 (Environmental Studies) / CiteScore - Q1 (Geography, Planning and Development)

## Contact Us

---

*Sustainability* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/sustainability](http://mdpi.com/journal/sustainability)  
[sustainability@mdpi.com](mailto:sustainability@mdpi.com)  
[X@Sus\\_MDPI](https://twitter.com/Sus_MDPI)