Special Issue

Applications of AI and Blockchain for Autonomous Driving in Safe and Sustainable Transport Systems

Message from the Guest Editors

Cutting-edge artificial intelligence and blockchain technologies have the potential to reform transport systems' safety, efficiency, and sustainability. AI-powered solutions enable autonomous vehicles to navigate complex environments, analyze real-time data, make intelligent decisions, and respond to potential hazards. Blockchain technologies offer decentralized and secure platforms for data sharing and management, fostering trust and cooperation among various stakeholders in the transportation ecosystem. Both AI and blockchains can play critical roles in improving the overall sustainability of transport systems by optimizing energy usage and reducing waste. Key applications of AI and blockchain in transportation include: *Data Sharing and Security; V2X Communication; Fleet Management; Supply Chain Management*; *Environmental Sustainability*; *Traffic Optimization*; *Ride-Sharing and MaaS*.

Guest Editors

Prof. Dr. Abderrahmane Lakas

College of Information Technology, United Arab Emirates University, Al Ain P.O. Box 17551, United Arab Emirates

Dr. Sherzod Turaev

Department of Computer Science and Software Engineering, College of Information Technology, United Arab Emirates University, Al Ain, United Arab Emirates

Deadline for manuscript submissions

closed (21 February 2024)

Sustainability

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, CAPlus / SciFinder, and other databases.

Journal Rank:

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