Special Issue

Artificial Intelligence in Sustainable Transportation

Message from the Guest Editors

Artificial intelligence (AI) has emerged as a transformative technology, poised to revolutionize the transportation sector via optimizing systems, reducing emissions, and enhancing the overall travel experience. AI-powered solutions hold immense potential to revolutionize the landscape of sustainable transportation, thus enabling innovative strategies and technologies that can drive the transition towards a greener, more efficient, and environmentally responsible mobility ecosystem.

- AI and Big data applications in the sustainable transportation.
- AI applications for traffic management and optimization
- AI-powered optimization of the shared mobility service.
- AI applications in freight transportation.
- AI-based solutions for multi-modal transportation integration and optimization.
- AI-based optimization of new energy vehicle operations and charging infrastructure.
- AI-assisted pollutant emissions reduction strategies for transportation systems.
- AI-based perception from infrastructure
- Cooperative energy management and optimization for new mobility means.
- AI-based traffic accident causal analysis.
- Connected and autonomous vehicles for green transportation

Guest Editors

Prof. Dr. Ye Li

Dr. Dominique Gruyer

Dr. Meiting Tu

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

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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

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