

Special Issue

Sustainable Smart Cities: From Technologies and Optimization Problems to Future Trends and Solutions

Message from the Guest Editor

This Special Issue seeks high-quality papers that advance both theoretical knowledge and practical implementations of future technologies in the context of sustainable smart cities.

- The design of AI-based energy-efficient architecture in sustainable smart cities;
- Theoretical analysis of energy management in sustainable smart cities;
- Security and privacy in sustainable smart cities;
- Energy optimization of federated learning in sustainable smart cities;
- Smart mobility solutions for pollution control: the role of intelligent transportation systems;
- Artificial-intelligence-based adaptive control systems for sustainable smart city transportation;
- Green cloud computing and data center networks in smart cities;
- Artificial intelligence trends in intelligent transportation systems for real-time connected and autonomous systems;
- Artificial intelligence techniques for infrastructure monitoring and next-gen smart cities;
- AI-based techniques in modern electric power systems for intelligent energy management;
- Future perspectives of situational awareness algorithms for smart transportation

Guest Editor

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Deadline for manuscript submissions

closed (15 July 2024)



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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. 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.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

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