Special Issue

Intelligent Control and Planning for Urban Network Efficiency and Safety Optimization

Message from the Guest Editors

Urban networks—transportation, communication, power, water, and gas systems—are vital to modern cities. With 68% of the global population expected to live in urban areas by 2050, these systems face growing pressures from population growth, resource demands, and sustainability challenges. Intelligent control systems and adaptive planning are key to optimizing efficiency, resilience, and safety. This Special Issue invites cutting-edge research, case studies, and interdisciplinary frameworks on intelligent control and planning for urban networks. By leveraging AI, machine learning, IoT, and CPS, it aims to explore dynamic optimization, security, and future-proofing of interconnected urban systems. Contributions from computer science, civil engineering, urban policy, and network theory are encouraged to foster holistic urban development solutions.

Guest Editors

Prof. Dr. Chaoxu Mu

Dr. Anguo Zhang

Prof. Dr. Qichun Zhang

Prof. Dr. Malu Zhang

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Deadline for manuscript submissions

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About the Journal

Message from the Editor-in-Chief

As urban environments continue to evolve, Smart Cities serves as a key platform for sharing innovative research that addresses the complexities of modern urban life. Our journal provides a space for interdisciplinary dialogue and knowledge exchange on the latest advancements in smart city technologies and practices. We prioritize research that not only pushes the boundaries of scientific understanding but also has practical implications for improving urban living, sustainability, and governance.
We welcome contributions from diverse fields that bring fresh perspectives to urban challenges, from smart infrastructure and IoT integration to data-driven decision-making and sustainable development. Through a combination of rigorous peer-review and rapid publication, we aim to disseminate impactful research that fosters the development of smarter, more resilient cities.

Editor-in-Chief

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