

Special Issue

Paving the Future: Sustainable Road Design and Urban Mobility in Smart Cities

Message from the Guest Editors

This Special Issue is centered on the critical interplay of sustainable road design and urban mobility, aiming to explore innovative strategies for creating intelligent, eco-friendly, and safe transportation infrastructures. Original research articles and review papers featured in this Special Issue will delve into diverse topics, including but not limited to:

- Sustainable road design principles;
- Planning shared mobility;
- Inclusive and accessible road design;
- Digital transition in road design;
- Innovative design solutions for intersections and interchanges;
- Reliability and safety of AI in transport operation;
- Intelligent traffic management;
- Smart technologies in urban mobility;
- Cooperative driving technologies;
- Disruptive innovation in intermodal transportation;
- Novel measures for urban resilience;
- Latest road economy trends;
- Energy harvesting from roads;
- Monitoring and mitigation vehicular air and noise pollution;
- Contemporary challenges in road research;
- Global perspectives through case studies.

Guest Editors

Dr. Maria Luisa Tumminello

Prof. Dr. Elżbieta Macioszek

Prof. Dr. Anna Granà

Dr. Tullio Giuffrè

Deadline for manuscript submissions

closed (31 October 2025)



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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

Prof. Dr. Pierluigi Siano
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Author Benefits

High Visibility:

indexed within Scopus, ESCI (Web of Science), Inspec, AGRIS, and other databases.

Journal Rank:

JCR - Q1 (Urban Studies) / CiteScore - Q1 (Urban Studies)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 25.2 days after submission; acceptance to publication is undertaken in 3.9 days (median values for papers published in this journal in the second half of 2025).