

Special Issue

New Challenges in Road Safety Infrastructure Management

Message from the Guest Editors

Road safety infrastructure is facing unprecedented challenges driven by evolving mobility patterns, increasing traffic demand, climate change impacts, ageing assets, emerging technologies, and growing requirements for network resilience and sustainability. The coexistence of conventional vehicles, connected and automated vehicles, vulnerable road users, and micromobility modes, combined with increasingly complex traffic environments, requires innovative approaches to infrastructure assessment, operation, and maintenance. Furthermore, extreme weather events, infrastructure deterioration, work zones, and the rapid expansion of digital technologies are reshaping traditional road safety management practices. This Special Issue aims to address emerging challenges and propose innovative solutions for enhancing the safety, resilience, and performance of road infrastructure systems. It provides an opportunity to present the latest scientific advances in infrastructure safety assessment, risk analysis, proactive safety management, connected infrastructure, artificial intelligence applications, digital twins, and data-driven decision-support tools for road safety infrastructure management.

Guest Editors

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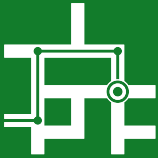


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About the Journal

Message from the Editor-in-Chief

I encourage you to contribute a research or a comprehensive review article for publication in *Future Transportation*, an international, open access, and peer-reviewed journal that provides an advanced forum for research findings in areas related to the technologies, sustainability, and emerging trends in transportation. *Future Transportation* publishes original research articles, review articles, and communications. I am confident that you will find the journal to be a premier outlet for research fueling the revolution involving electrification, autonomous driving, micro-mobility, and other novel as well shared transportation modes, in addition to the digital infrastructure supporting these aspects.

Editor-in-Chief

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