

## Special Issue

# Data-Driven Urban Mobility: Modeling, Optimization, and Intelligent Transportation Systems

### Message from the Guest Editors

Rapid urbanization, increasing travel demand, and the growing availability of large-scale mobility data are transforming the way cities understand and manage transportation systems. Consequently, this Special Issue focuses on recent advances in mobility modeling, urban computing, optimization methods, and intelligent transportation systems (ITSs), highlighting innovative approaches that leverage data driven methods, computational models, and advanced optimization techniques to improve urban mobility. The aim is to bring together interdisciplinary research that integrates transportation science, operations research, data analytics, artificial intelligence, insurance analytics, and urban planning to address complex mobility challenges in contemporary cities. The scope of the Special Issue includes, but is not limited to, mobility pattern analysis, travel demand modeling, multimodal transportation systems, optimization models for transport planning and operations, smart infrastructure, and traffic prediction and management.

### Guest Editors

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### Deadline for manuscript submissions

31 March 2027



## Urban Science

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### Message from the Editor-in-Chief

*Urban Science* is a scholarly international journal which provides a platform for the exchange of theories, ideas, methods, analyses, and comparative studies of urban and regional development. It is a peer-reviewed, open access journal that publishes high quality original articles, theoretical essays, critical reviews, research notes, and shorter communications. Its broad definition of “science” includes both quantitative and qualitative methods of social, environmental, and spatial analysis. There is no restriction on the maximum length of the papers.

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