

## Special Issue

# Sustainable Urban Planning and Transportation Planning in the Face of Autonomous Vehicles

### Message from the Guest Editor

Autonomous and connected vehicles (ACVs) offer opportunities to transform sustainable urban and transportation planning with various advantages along with potential challenges. ACVs can improve accessibility, optimize land utilization, and decrease emissions from the perspective of sustainable urban planning. By capitalizing on the extensive volume of data produced by ACVs, transportation planners can make well-informed judgments concerning the optimization of routes, traffic management, and development of infrastructure. However, the extensive implementation of ACVs gives rise to a variety of challenges and associated research gaps. The ongoing development of regulatory frameworks for ACVs necessitates meticulous examination of concerns pertaining to privacy, liability, and safety issues associated with ACVs. This Special Issue calls for papers that can explore advantages and address challenges of integrating ACVs from various perspectives for sustainable urban and transportation planning.

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### Guest Editor

Dr. Young-Ji Byon

Department of Engineering, Northwestern College, Orange City, IA 51041, USA

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### Deadline for manuscript submissions

4 December 2025



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*Sustainability*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[sustainability@mdpi.com](mailto:sustainability@mdpi.com)

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### Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and Applied Science, University of Ontario  
Institute of Technology, Oshawa, ON L1G 0C5, Canada

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