

Special Issue

Autonomous Vehicles and Urban Air Mobility in Next-Generation Transportation Systems: Progress, Methods and Challenges

Message from the Guest Editors

This Special Issue, entitled “*Autonomous Vehicles and Urban Air Mobility in Next-Generation Transportation Systems: Progress, Methods and Challenges*,” aims to provide a focused platform for advancing research on conceptual development, behavioral insights, safety assessments and computational modeling related to autonomous vehicles and urban air mobility systems. Both methodological innovations and applied empirical studies are encouraged. The topics of interest include, but are not limited to, the following:

- Conceptual or analytical frameworks for emerging mobility services involving autonomous vehicles or urban air mobility
- Behavioral studies examining public perception, trust, adoption intention and acceptance of autonomous vehicles or urban air mobility technologies
- Safety analysis and risk modeling of autonomous vehicles, robotic taxi systems and urban air mobility operations
- Simulation-based modeling and digital twin applications for autonomous vehicles, robotic taxi systems and urban air mobility systems
- Computer vision and perception algorithms for autonomous vehicles, electric vertical takeoff and landing systems and drone platforms.

Guest Editors

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Deadline for manuscript submissions

31 October 2026



**Future
Transportation**

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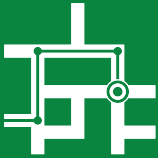


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Message from the Editor-in-Chief

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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