

Special Issue

Rethinking Multimodal Transport Systems: Design, Operation and Sustainability in Future Transportation

Message from the Guest Editors

As transportation systems evolve due to the pressure of climate change, urbanization, and digitalization, the concept of multimodality has emerged as a foundational paradigm for rethinking how people and goods move. However, the shift toward electrified vehicles, while promising, is insufficient in and of itself. Without guaranteeing that electricity is sourced sustainably, and without redesigning the broader system of mobility and logistics, this transition risks being superficial. Moreover, cities—accounting for over 70% of global CO₂ emissions—must play a central role in enabling and governing sustainable multimodal transport. The rise of concepts such as the physical internet, which proposes a standardized, open, and modular approach to freight logistics, reflects a broader need to rethink how different transportation modes and networks interact. In this context, multimodality must be understood not only as an operational feature, but as a systemic redesign of transport ecosystems, involving infrastructure, policy, energy, technology, and behavior.

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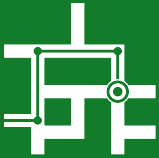


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I encourage you to contribute a research or a comprehensive review article for publication in *Future Transportation*, an international, open access, and peer-reviewed journal that provides an advanced forum for research findings in areas related to 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.

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