

Research project and supervisory team

Supervisory Team	Prof. Zhengbing He Dr. Qianyu Liu Dr. Huan Jin
Short introduction & description of research project	<p>Topic 1: Agentic City (10.1016/j.trc.2025.105307)</p> <p>Topic 2: Better Traffic (10.48550/arXiv.2504.11372)</p> <p>Prof. Zhengbing He's research lies at the intersection of urban mobility, systems engineering, and artificial intelligence, spanning from traditional topics such as traffic flow operations and control, sustainability, and resilience to emerging areas including data-driven modeling, autonomous driving, and large language models. In particular, he is a pioneer and long-term contributor in AI-based transportation modeling and AV-empowered traffic congestion mitigation, and an early innovator in generative AI applications in transportation. He has published more than 180 papers, including over 50 published exclusively in the prestigious journal series of Transportation Research (A/B/C/D/E/F, and 20+ C) and IEEE TRANSACTIONS (10+ TITS), and a Correspondence in Nature, with total citations exceeding 8,000 and H-index of over 40. He was listed as the World's Top 2% Scientists, ranking 67th out of over 30,000 researchers in the field of Logistics and Transportation. He is the Editor-in-Chief of the Journal of Transportation Engineering and Information (Chinese). Meanwhile, he serves as a Senior Editor for IEEE Transactions on Intelligent Transportation Systems, an Associate Editor for IEEE Transactions on Intelligent Vehicles, a Deputy Editor-in-Chief of IET Intelligent Transport Systems, and an Editorial Advisory Board Member for Transportation Research Part C. His webpage is https://www.GoTrafficGo.com.</p>
Contact points	Zhengbing He (zhengbing.he@nottingham.edu.cn ; he.zb@hotmail.com)