

Research project and supervisory team

Supervisory Team	Lin Wu Alain Chong
Short introduction & description of research project	<u>Multi-Stakeholder Collaborative Governance in Low Altitude Economy</u> The low altitude economy, encompassing drone logistics, urban air mobility, and related aerial services, is rapidly emerging as a transformative sector. It introduces a complex ecosystem where public authorities, private firms, technology providers, and communities must interact to shape its development. This PhD project will investigate how collaborative governance mechanisms can address fragmentation, align diverse stakeholder interests, and create integrated networks that support efficiency, safety, and sustainability. From an operations and supply chain management perspective, the study will explore how coordination across multiple actors can optimize shared resources such as air corridors, landing hubs, and charging infrastructure. It will also examine risk management challenges, including safety, cybersecurity, and regulatory compliance, which are critical to operational reliability. Governance frameworks that enable data-sharing and interoperability will be considered as key enablers of seamless aerial logistics flows. At the same time, the research will assess how collaborative approaches can embed environmental and social sustainability into supply chain design, ensuring resilience and community acceptance. This project positions collaborative governance not merely as a regulatory requirement but as a strategic enabler of operational excellence in the evolving low altitude economy. The successful candidate will contribute to advancing theory in supply chain governance while generating practical insights for policymakers, logistics firms, and technology providers.
Contact points	Lin Wu, Lin.Wu2@nottingham.edu.cn