

Special Issue

Multimodal and Intermodal Transportation Systems in the AI Era

Message from the Guest Editor

This Special Issue invites original research and reviews using systems-based thinking, modelling, and multidisciplinary methods to reflect current, high-impact, and broad-reach transportation issues. We welcome contributions on topics including, but not limited to:

- Intermodal and multimodal transportation planning, operation, and management;
- AV and its applications/impact on travel, traffic, auto ownership, long-term infrastructure planning and constructions, land use and urban forms;
- Advanced aviation mobility and its interaction with surface transportation and community acceptance;
- Safety and systematic, causal relationship analyses for all modes and comprehensive evaluation of solutions;
- Conflicting and complementary relationships between passenger and freight transportation services and best practices.

Papers that combine quantitative modelling, such as systems dynamics, agent-based models, and MBSE, with field experiments, case studies, or real-world deployment results are especially encouraged. The goal is to advance knowledge and practical solutions that promote systematic improvement to transportation efficiency, safety, and sustainability.

Guest Editor

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Message from the Editor-in-Chief

Systems is a leading venue for the quick and global dissemination of results of cutting-edge research in various areas of systems science and systems-related fields. An increasing number of researchers are realizing the enormous potential of systems thinking in managing the many unprecedented and complex issues in all areas of need. The *Systems* journal provides a home of exceptional quality for the manuscripts of these researchers who often find it difficult to publish their work in conventional discipline focused journals.

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