Special Issue

Multimodal and Intermodal Transportation Systems in the Al 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

Prof. Dr. Rongfang (Rachel) Liu Transportation Institute, North Carolina A&T State University, Greensboro, NC, USA

Deadline for manuscript submissions

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Systems
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
systems@mdpi.com

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About the Journal

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.

Editor-in-Chief

Prof. Dr. Ben Clegg

Operations & Service Management Department, Aston Business School, Aston University, Birmingham B4 7ET, UK

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