

Special Issue

Advanced Modelling Techniques in Transportation Engineering

Message from the Guest Editors

Advanced models and analysis techniques have been integrated into all aspects of transportation engineering over the last decade. Data science provides a multitude of ways to expedite the design, planning, operation, and maintenance of transportation infrastructure and systems. This Special Issue aims to act as a collection of the most recent advances in the modelling procedures of transportation-related data, with the aim of optimizing engineering judgement and decision-making procedures. This Special Issue welcomes contributions (articles, reviews, etc.) related, but not limited, to the following aspects:

- Impacts of emerging technologies and mobility services on transportation system performance;
- Road and traffic safety analysis;
- Black spot identification;
- Road material modelling;
- Road resiliency and pavement infrastructure status;
- Long-term pavement performance prediction;
- Methodologies and applications of advanced travel behavior models;
- The use of models for rail and air transport management.

Guest Editors

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About the Journal

Message from the Editorial Board

We encourage you to contribute a research or comprehensive review article for consideration and publication in *Modelling* (ISSN 2673-3951), an international open access journal, which is published quarterly online by MDPI. The editorial board and staff of *Modelling* are dedicated to providing an advanced forum for studies related to the development and applications of modelling and simulation techniques. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications.

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Author Benefits

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