

Special Issue

Algorithms, Models and New Technologies for Sustainable Traffic Management and Safety

Message from the Guest Editor

New technologies such as co-operative intelligent transportation systems (C-ITS) and "connected" and "autonomous" vehicles are attracting a lot of attention, and one of the main goals of these systems is to improve sustainability and safety levels on the road networks through new services. This Special Issue intends to gather the best contributions in terms of new algorithms, models, and technologies that can present ways to improve transportation systems by making all traffic networks more sustainable in terms of reduced energy consumption, improved safety, and reduced pollution. Special attention is dedicated to road traffic and the use of new technologies and concepts that can improve sustainability and safety, as well as papers that introduce the use of traffic conflict techniques and other simulation techniques that can assess traffic network safety and identify problems before severe crashes occur, enabling a proactive approach.

Guest Editor

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I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

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