



Strategies of Sustainable Transportation in Urban Planning

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

This Special Issue will highlight new opportunities and challenges for sustainable transportation in urban planning.

- Analysis of the link between urban/regional traffic and urban behaviour;
- Research on organizational processes and self-organized traffic frameworks and rhythmic movements of urban entities for the restoration of urban complex systems;
- Big data applications to sustainable transport and traffic control modelling;
- Data analysis on pedestrian flow and traffic flow, especially how to improve traffic flow capacity through big data processing technology;
- Decision-making system to assist traffic control network managers;
- Vehicle perception technology on road traffic environment;
- Autonomous vehicles technology in transport safety and the driving behaviours;
- Optimizing the designs and operations of transportation facilities by 3D simulation. Evaluating the effectiveness of various measures on relieving traffic congestion, reducing traffic emission, and improving traffic sustainability.

We look forward to receiving your contributions.

Dr. Wanggen Wan
Guest Editor

Special Issue





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