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Research of Energy Efficiency in Urban Transport

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Message from the Guest Editors

Many cities around the world face major challenges due to limited energy resources and increasing dependence on oil supplies. One of the branches of the national economy that largely absorbs energy resources is transportation. The range of possibilities for activities aimed at improving energy efficiency in urban transport is very wide. This Special Issue will deal with energy efficiency and energy consumption in urban transport. Topics of interest for publication include, but are not limited to:

Analysis of factors influencing energy effectiveness of transport;

Energy intensity, energy efficiency and fuel efficiency in passenger and freight transport;

Research on alternative travelling behaviours aimed at lower energy consumption;

Energy effective vehicle construction techniques and technologies;

Eco-driving in driving habits of drivers;

Sustainable urban transport planning methods and transport system modelling focused on energy consumption minimization;

Multi-criteria decision making process from the perspective of energy-saving solutions in transportation;

Scenarios and future research related to energy consumption trends in transport.



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Special Issue



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Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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