Special Issue

Transportation Systems Modeling, Simulation and Analysis with Reference to Energy Supplying

Message from the Guest Editors

Complex transportation systems are dependent on their power supply. The transportation system needs an appropriate power supply to maintain correct operation. On the other hand, the power supply system needs the correct system operation to exclude overloads and breakdowns. This interconnection can be investigated using the resilience and robustness approach. The aim of the Special Issue is to find new approaches for the resilience and robustness of transportation systems with respect to their power supply. All methods and approaches are welcome—reliability and risk assessment, as well as analytical and simulation modeling. Potential topics include but are not limited to:

- New approaches regarding the resilience and robustness of transportation systems;
- Transportation system modeling, simulation, and analysis;
- Modeling and optimization of transportation systems;
- Modeling, simulation, and design of resilient transportation networks;
- Transportation systems monitoring, protection, and control.

Guest Editors

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Deadline for manuscript submissions

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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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