

Special Issue

Optimal Design and Control of Transportation Energy Saving and Energy Management System

Message from the Guest Editor

The aim of this Special Issue is to gather various interdisciplinary papers for sustainable mobility, which is crucial for future green societies. Research and development in this field have been made in various modes, such as rail, road, air, and marine transportation, from various academic and technical aspects. The guest editor sincerely invites submissions of papers on the following topics, applicable to transportation systems, but not limited to, the following:

- Energy management of rail and road vehicles, aircrafts, and shipboards;
- Motors, converters, and energy storage systems for stationary and onboard apparatus;
- Traction substation;
- Wireless power transfer (WPT);
- Efficient utilization of regenerative energy;
- Application of renewable energy sources;
- Automatic train operation (ATO) and driver advisory system (DAS);
- Timetabling and traffic management;
- Modeling, simulation, and optimal design;
- Application of artificial intelligence (AI);
- Visualization and analysis of big energy data;
- Mobility as a service (MaaS) for saving energy.

Guest Editor

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Deadline for manuscript submissions

closed (31 March 2020)



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About the Journal

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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