

Special Issue

Advanced Electrification for Transportation and Built Environment

Message from the Guest Editor

This Special Issue will publish high-quality peer-reviewed papers on the latest technologies that are currently advancing electrification in land, sea, and air transportation, as well as in the built environment. The topics include, but are not limited to, the following:

- Electric power distribution in more-electric aircrafts
- Electrical propulsion for ships
- Marine power systems and alternative maritime power (cold ironing)
- Electric and hybrid-electric railway systems
- DC and hybrid AC/DC power distribution in transportation and built environment
- Intelligent nano-grids in buildings and community-scale micro-grids
- High density power electronics
- High ambient temperature power systems
- Energy storage systems for transportation and built environment applications
- Condition monitoring and health prognosis for power systems components
- Distributed generation and renewable energy sources
- Electric vehicles and charging infrastructure
- Deregulated electricity markets

Guest Editor

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Deadline for manuscript submissions

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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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