Alternative Powertrains in Urban Mobility—Trends, Challenges and Opportunities in Energy Flow Analysis

Guest Editors:

Dr. Wojciech Cieslik

Dr. Slawomir Rosolski

Dr. Łukasz Rymaniak

Deadline for manuscript submissions:
21 December 2024

Message from the Guest Editors

Dear colleagues,

In this Special Issue, we are looking for papers both analyzing energy production solutions based on alternative sources, as well as research on their operation in the vehicle–human–environment community. However, we also highly value papers related to modules of alternative propulsion such as drivetrain efficiency analysis, ways of energy accumulation in batteries, and influence of the charging method on the energy consumption of a vehicle during its life cycle. Additionally, we are interested in work focused around the energy transition based on fuel cells and the production, transportation, and storage of hydrogen.

- alternative powertrains
- hybrid vehicles
- electric vehicles
- energy storage and transfer
- renewable sources
- photovoltaic installations

Special Issue

Editor-in-Chief

Prof. Dr. Enrico Sciubba
Department of Mechanical and
Aerospace Engineering,
University of Roma Sapienza, Via
Eudossiana 18, 00184 Roma, Italy

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.
High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compendex, RePEc, Inspec, CAPlus / SciFinder, and other databases.
Journal Rank: CiteScore - Q1 (Control and Optimization)

Contact Us