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Waste-to-Wheel Approach for Future Renewable Drop-In Fuel Development

Guest Editor:

Dr. Ulugbek Azimov

Department of Mechanical and
Construction Engineering,
Northumbria University,
Newcastle upon Tyne NE1 8ST,
UK

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submissions:

closed (31 December 2021)

Message from the Guest Editor

Dear colleague,

The International Energy Agency envisages that advanced renewable fuels will contribute significantly to reducing emissions by increasing from 5% of total transport energy supply today to up to 30% by 2050. This Special Issue aims to encourage researchers to address the technological advancements that have led to the development of novel approaches in conversion and production of advanced renewable drop-in fuels from the perspective of the waste-to-wheel approach. We are looking for contributions in the following areas:

- thermochemical and biochemical methods for renewable fuel production;
- cost-effective methods of pre-treatment and processing of biogenic residue and waste for renewable fuel production;
- techno-economic and environmental analysis of advanced renewable fuels;
- renewable fuel supply, distribution, and storage;
- vehicle and engine performance and emissions using advanced renewable fuels.

Dr. Ulugbek Azimov
Guest Editor



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Special Issue



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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.

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Energies Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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