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Advances in Fuel, Catalyst & Lubricant Technologies for Energy Landscape Transformation and Achieving Sustainable Development Goals

Guest Editors:

Dr. Hazrat Ali

School of Engineering &
Technology, Central Queensland
University, Rockhampton, QLD,
Australia

Dr. Islam Md Rizwanul Fattah

School of Civil and
Environmental Engineering,
Faculty of Engineering and I.T.,
University of Technology Sydney,
Ultimo, NSW 2007, Australia

Deadline for manuscript
submissions:

closed (20 December 2023)

Message from the Guest Editors

Dear colleague,

This Special Issue welcomes manuscripts (Research/Reviews) from the experts working on identified issues of fuel, catalysts, and lubricants towards the advancement of their application that will potentially lead to future sustainable energy supply and utilisation. The following are some of the topics, but not limited to:

- Advanced fuel (conventional/non-conventional, liquid/gaseous) production and fuel property improvement.
- Alternative fuels, including hydrogen, biofuels, and waste-derived fuels.
- Advancement in energy-efficient combustion processes.
- Lubricants synthesis and tribological analysis of applications.
- Catalysts, including nano-bio-catalysts synthesis and applications.
- Emissions capture and avoidance from renewable energy value chains.
- Advancement in waste-to-fuel production processes.
- Bioethanol, biodiesel, and biomethane.
- Catalysts for Fischer–Tropsch synthesis.
- Application of catalysts in gas Separation and storage technologies.



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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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