



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

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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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## Message from the Editor-in-Chief

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