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Promising Alternative Fuels and Sustainability

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Message from the Guest Editors

Dear Colleagues,

This Special Issue aims to collect wide-ranging high-quality scientific papers focused on pioneering techniques for boosting and evaluating alternative fuel applications and innovative solutions for the energy transition along alternative fuel value chains.

Topics may include (but are not limited to) the following:

- Lifecycle assessment (LCA) and carbon footprint analysis for alternative fuel pathways;
- Quantitative/qualitative risk assessment for alternative fuel operations;
- Fire/explosion consequence modeling and toxic dispersion modeling;
- Theoretical calculation and simulation of low-carbon fuel pathways;
- Techno-economic/feasibility studies for alternative-fuel-based facilities/fleet;
- Process modeling and process intensification for alternative fuel production and transportation;
- Social and economic impacts of emerging alternative fuels.

We look forward to receiving your contributions.



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Special Issue



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Message from the Editor-in-Chief

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