



Sustainable Alternative Fuels and Advanced Combustion Techniques

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Message from the Guest Editors

Dear Colleagues,

This Special Issue is dedicated to sustainable alternative fuels and advanced combustion techniques for low-emission and high-efficiency processes. Experimental papers supported by validations of results with numerical simulations and original experimental research in the field of novel technologies of combustion processes will be particularly welcome. The content presented in these papers should cover issues related to the production, processing and technological organisation for known and newly synthesised alternative fuels (solid, liquid and gaseous). Moreover, papers should cover issues regarding the methods of organisation, research and implementation of advanced combustion techniques, mainly in the context of their technical, thermodynamic or environmental aspects. Environmental papers related to alternative fuels and modern advanced combustion techniques will also be welcomed.

- alternative fuels
- biomass
- hydrogen
- novel combustion technologies
- toxic compound emissions
- CFD modelling
- environmental protection



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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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