

## Special Issue

# Applications of Alternative Fuels

### Message from the Guest Editors

Energy shortages and environmental pollution caused by fossil-fueled vehicles have become a global concern. Especially in recent years, the sharp decline in urban air quality has been reported to be directly related to these vehicles. The main harmful air pollutants emitted by fossil-fueled vehicles are carbon monoxide (CO), unburned hydrocarbons (HC), nitrogen oxides (NO<sub>x</sub>), and particulate matter (PM). The main harmful air pollutants emitted by fossil-fueled vehicles are carbon monoxide (CO), unburned hydrocarbons (HC), nitrogen oxides (NO<sub>x</sub>), and particulate matter (PM). The Special Issue aims to study the application characteristics of alternative fuels, including physicochemical properties (e.g. density and viscosity), sources, energy policies, and their application to engines (e.g. performance, combustion and emission characteristics). Hereby, we sincerely welcome all colleagues at home and abroad to submit your contributions to this Special Issue.

**Keywords:** alternative fuel; vehicle emissions; engine performance; combustion characteristics; regulated and unregulated emissions; PM morphology;

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### Deadline for manuscript submissions

closed (31 December 2021)



## Applied Sciences

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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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### Editor-in-Chief

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