

Special Issue

Clean Combustion Technologies and Renewable Fuels

Message from the Guest Editors

We invite submissions to the Special Issue on Clean Combustion Technologies and Renewable Fuels. In the context of global climate change and the pressing demand for sustainable energy, clean combustion technologies and renewable fuels stand as pivotal solutions reshaping the energy landscape. This Special Issue is dedicated to highlighting advancements in emissions reduction and efficiency enhancement that foster a greener, more resilient future. Advancements in clean combustion technologies include, but are not yet limited to, low-emission engines, high-efficiency burners, and sophisticated emission control systems. Contributions are welcome on the integration of renewable fuels and clean combustion systems, as well as the exploration of optimal integration strategies for renewable fuels within existing and emerging energy systems, spanning transportation, power generation, and industrial applications. Other pertinent topics include battery storage solutions, pumped hydro systems, thermal storage mechanisms, and hybrid systems.

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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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