Special Issue

Sustainable Combustion Systems and Their Impact

Message from the Guest Editors

As the world moves into the third decade of the 21st century, a change in landscape is expected regarding global energy demand and consumption. The transportation sector is one of the biggest consumers of energy, and this results in significant environmental effects. Thus, we must continue to consider all opportunities to minimize IC engine emissions as well as pathways to reduce the CO2 footprint of future vehicles. On the other hand, hydrogen, which can be used in internal combustion engines and fuel cells, is seen as one of the leading energy vectors of the future. This technology still faces several challenges in terms of both production/storage and usage. This Special Issue aims to present original research articles as well as critical reviews that cover current topics related to the research and in-vehicle test data of various sustainable combustion strategies. This Special Issue of Energies is dedicated to the sharing of ideas regarding energy and the environment, advancing the knowledge among practitioners, scientists, researchers, policymakers, and professionals toward nurturing innovative concepts required to solve problems and ensure a sustainable future.

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Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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