

Special Issue

Renewable Gases and Fuels: Recent Developments and Perspectives

Message from the Guest Editors

This Special Issue is intended to be a collection of contributions from experts focused on the review, investigation, and practical implementation of renewable gases, from their production, processing, delivery, and uses for energy and mobility applications. The topics that will be covered include, but are not limited to, the production (electrolysis, anaerobic digestion, gasification, pyrolysis, etc.), processing (reforming, methanation, membrane separation, etc.), conditioning for specific applications, storage technologies, distribution (pipeline networks, liquefaction, and regasification), and final technologies using the following:

Biogas

Syngas

Biomethane

Synthetic natural gas

E-fuels

for power generation, combined power, heating and cooling, and mobility and polygeneration technologies including engines, gas turbines, fuel cells, and heat pumps among others. [Link:](https://www.mdpi.com/journal/applsci/special_issues/renewable_gases_fuels)

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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.

Editor-in-Chief

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