

Special Issue

Clean Energy and Fuel Storage 2020

Message from the Guest Editors

This Special Issue on “Clean Energy and Fuels Storage” is focused on the state-of-the-art technologies in developing and demonstrating efficient storage systems using clean and renewable energy and/or fuel sources. Some of the cutting-edge research areas for sustainable energy storage systems are from hydrogen/hydride, direct electric, electrochemical, thermochemical, thermomechanical, and solar-thermal energy. We invite contributions in these aforementioned R&D areas and their applications related to stationary and mobile transportations, power utilities, and alternative energy and fuel storage technologies, including carbon capture.

Keywords

- Hydrogen energy storage
- Soar-Thermal energy storage
- Thermochemical energy storage
- Electrochemical energy storage
- Thermomechanical energy storage
- Direct electric energy storage
- Direct mechanical energy storage
- Carbon capture and storage

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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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