

Special Issue

Renewable Energy Storage and Utilization

Message from the Guest Editors

The decarbonization objectives set by the European Commission inherently involve the use of renewable energies, but energy storage is one of the main problems that prevent a more widespread use of renewable energies. Energy storage in different forms is essential to reduce variation in electricity prices, reduce the cost of electricity, and facilitate the integration of renewable energy sources into the electricity grid, guaranteeing a stable supply in the future.

Energy can be stored using different technologies or systems. For instance, it can be stored using mechanical, chemical, electrochemical, thermal, and electrical systems.

This Special Issue of Sustainability aims to address the challenges in the use and control of different storage technologies for storing and utilizing renewable energy. Original submissions focusing on different storing methods and their control and practical implementation, increasing our knowledge of better and new applications for energy storage systems, on the basis of one or more of the following topics, are welcome in this Special Issue.

Guest Editors

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Prof. Dr. Patxi Alkorta

Deadline for manuscript submissions

closed (31 October 2021)



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I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

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