

Special Issue

Role of Energy Storage in Low-Carbon and High-Renewable Energy Systems

Message from the Guest Editor

We invite you to contribute original manuscripts to the Special Issue of Sustainability on the “Role of Energy Storage in Low-Carbon and High-Renewable Energy Systems”. Deep and wide-ranging transformation is expected in energy supply systems around the world over the next few decades to achieve the ambitious targets set for decarbonisation. The UK was the first major economy in the world to enshrine in law its commitment to end its contribution to global warming by 2050, and is being closely followed by many other major economies. The concerns over climate change are global and many countries are aiming to achieve a 100% renewable energy supply by 2050. In this context, there is a clear need for tools and approaches that allow for the adequate evaluation of the role of energy storage in future low-carbon energy systems, cost-efficient deployment of various energy storage technologies, and methods for assessing the performance of energy storage assets in future markets for energy and ancillary services.

Guest Editor

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Message from the Editor-in-Chief

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. *Sustainability* publishes original research articles, review 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.

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