

Special Issue

Rethinking the Sustainability of Energy Systems and Governance of Smart Grids

Message from the Guest Editor

Challenges are faced by many countries in the race to net-zero. It is time to rethink sustainable energy. A major shift towards renewable energy sources is possible with the introduction of energy storage systems and the use of distributed intelligent control in the grid; to achieve this, the shape and nature of the electric grid may have to change. Active energy distribution energy networks will be needed to address the issues of variability and distributed energy resources, and the impacts of prosumer behavior will influence energy usage patterns. As energy is traded in energy markets, it is important to investigate whether current market structures are appropriate for achieving the net-zero goal. To this end, in this Special Issue, we welcome contributions from experts in diverse fields, such as energy sources, energy policy, energy economics, and grid architecture and control, to provide new insights that address this pressing challenge. We invite authors to submit original research articles, reviews, case studies, and perspectives toward rethinking sustainable energy systems and the governance of smart grids.

Guest Editor

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Deadline for manuscript submissions

closed (24 December 2023)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



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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. *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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