

Special Issue

Sustainable Energy Internet

Message from the Guest Editors

Energy Internet is a sustainable scenario of the Internet of Things which covers all aspects of electrical energy systems and provides secure connectivity and interoperability between power grids and the Internet. It integrates every piece involved in energy generation, transmission, distribution, storage, and consumption into a network with up-to-date information and communication technologies to achieve efficient energy management and enhance the reliability of the power system. For instance, the vehicle-to-grid (V2G) technology can explore the batteries of electric vehicles (EVs) to reduce energy demand and supply imbalance by absorbing excess energy during off-peak hours and delivering it back to the grid when needed. The aim of this featured Special Issue is to solicit original submissions with novel contributions on sustainable Energy Internet, from the perspective of network structure, infrastructure deployment, secure/safety, efficient energy trading, energy scheduling, pricing, and so on.

Guest Editors

Prof. Dr. Zhenyu Zhou

Prof. Dr. Jun Wu

Prof. Muhammad Tariq

Deadline for manuscript submissions

closed (31 December 2022)



Sustainability

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CiteScore 7.7



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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. 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

Prof. Dr. Steve W. Lyon

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