

Special Issue

Exploring the Development of Renewable Energy: Power Systems, Energy Markets, Renewable Energy and Related Technological Applications

Message from the Guest Editors

This issue aims to provide a comprehensive and interdisciplinary platform for research on the rapid development of renewable energy and its integration into modern energy systems. Its core purpose is to examine how renewable energy technologies are reshaping power generation, grid operation, electricity markets, energy policy, and technological innovation, while also addressing the technical, economic, environmental, and social challenges associated with this transition.

The issue is intended to bring together contributions from researchers, engineers, economists, policy analysts, and practitioners working across the renewable energy field. It focuses not only on the development of renewable generation technologies such as solar, wind, hydropower, biomass, geothermal, marine, and hybrid energy systems, but also on the broader infrastructures and mechanisms required for their effective deployment.

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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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