

Special Issue

Sustainable Renewable Energy: Smart Grid and Electric Power System

Message from the Guest Editor

Currently, with the escalating issues of energy crisis and environmental pollution, energy and electric power sustainability has become an urgent global challenge. On the power production side, the rapid development and technological breakthroughs in renewable energy sources, represented by photovoltaic power generation, wind power generation, and biomass power generation, hold the promise of effectively addressing the sustainable development. On the electric power transmission, distribution, and utilization sides, the new type of electric power systems, as known as smart grids, have emerged as critical enablers for efficient energy operation and management. The aim of this special issue is to collect high-quality research papers on sustainable renewable energy with smart grid and electric power system. Meanwhile, to achieve energy sustainability, the collaboration and interdisciplinary research are indispensable. This special issue aims to provide a platform for researchers from different disciplines such as electrical engineering, economics, and policy studies to share their perspectives and insights.

Guest Editor

Prof. Dr. Ting Yang
School of Electrical and Information Engineering, Tianjin University,
Tianjin 300072, China

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Sustainability
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sustainability@mdpi.com

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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

School of Environment and Natural Resources, Ohio State University,
Columbus, OH 43210, USA

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