Special Issue

Renewable Energy Utilization and Natural Resource Management in the Era of Big Data

Message from the Guest Editor

In recent times, the interest in alternative cost-effective, sustainable, and clean energy sources has increased significantly due to the technical, economical, and environmental consequences of conventional power plants. Renewable energy sources are widely utilized in power systems. Big data offers unprecedented opportunities for further development of renewable energy utilization and natural resource management. By making full use of big data, we can make smarter decisions and management choices. This Special Issue aims to provide a collection of articles related to trends in renewable energy utilization and natural resource management in the era of big data to share the latest research findings. Topics include (but are not limited to) the following: Grey prediction model; Deep learning prediction model; Renewable energy sources (wind, solar, biomass, hydrogen, geothermal, tidal, hydro, etc.) forecasting; Renewable energy utilization; Natural resources (oil, natural gas, coal, etc.) forecasting; Natural resources utilization; Natural resources management; Energy economics and energy efficiency.

Guest Editor

Prof. Dr. Yong Wang
School of Sciences, Southwest Petroleum University, Chengdu 610500, 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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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.

Editor-in-Chief

Prof. Dr. Marc A. Rosen
Faculty of Engineering and Applied Science, University of Ontario Institute of Technology, Oshawa, ON L1G 0C5, Canada

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