

Special Issue

Applications of Intelligent Techniques in Modeling Clean Energy Technologies

Message from the Guest Editors

The Significance of clean energy development technologies has increased in recent years due to the emergence of environmental issues related to the utilization of fossil fuels. The present Special Issue aims to gather high quality original and review articles that consider the utilization of intelligent techniques for modeling and predicting the performance of various clean energy technologies and tackling their problems. The main topics of interest for the present issue are as follows:

Renewable energy systems, modeling, and optimization;

Using intelligent techniques to predict weather data that is relevant to the performance of clean energy systems;

Prediction of the emissions of clean energy technologies throughout their lifecycle by means of intelligent methods;

Modeling and forecasting the properties of the materials with the potential to enhance the performance of clean energy technologies;

Trend prediction of clean energy systems with respect to their environmental impact, market effects, utilization, etc.

Guest Editors

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Deadline for manuscript submissions

closed (21 November 2022)



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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. *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

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