Special Issue

Energy and Environment Management through Data-Driven Modelling, Optimization and Forecasting

Message from the Guest Editors

CO2 emission is directly related to economic growth. which is a key factor in the world economy both for production and for consumption, Furthermore, most CO2 emissions are caused by gaseous/liquid/solid fuel consumption, an essential source of internal combustion engine vehicles and industries that are closely linked to economic development and economic growth. Consequently, the intimate association between CO2 emissions and economic growth plays a key role in economic and environmental policy. This Special Issue seeks contributions from researchers, industry experts, and academia to the topics addressed below. We therefore invite papers on methodologies, case studies, and reviews, contributing to the advancement of the quantification of energy and environment management, Renewable energy systems, energy planning, reduction emissions, etc. at different scales, i.e., urban, regional, national, and even continental, for renewable scenario planning and policy making are of interest. We encourage researchers to share their original works in the field of energy and environment management through data-driven modeling, optimization, and forecasting.

Guest Editors

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Deadline for manuscript submissions

closed (10 April 2023)



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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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