



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

Guest Editors:

Prof. Dr. Farshid Keynia

Department of Energy
Management and Optimization,
Institute of Science and High
Technology and Environmental
Sciences, Graduate University of
Advanced Technology,
7631818356 Kerman, Iran

f.keynia@kgut.ac.ir

Dr. Azim Heydari

Department of Astronautics,
Electrical and Energetic
Engineering (DIAEE) Sapienza
University, 00184 Rome, Italy

azim.heydari@uniroma1.it

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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.





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Prof. Dr. Marc A. Rosen

Faculty of Engineering and
Applied Science, University of
Ontario Institute of Technology,
Oshawa, ON L1G 0C5, Canada

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.

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MDPI, St. Alban-Anlage 66
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