applied sciences

IMPACT FACTOR 2.5

CITESCORE 5.3

an Open Access Journal by MDPI

Advanced Methods of Power Load Forecasting

Guest Editors:

Prof. J. Carlos García-Díaz
Department of Applied Statistics and Operational Research, and Quality, Universitat Politècnica de València, 46022 Valencia, Spain

Dr. Óscar Trull
Department of Applied Statistics and Operational Research, and Quality, Universitat Politècnica de València, 46022 Valencia, Spain

Deadline for manuscript submissions:
closed (31 December 2021)

Message from the Guest Editors

Predicting the power load is a crucial task for the proper functioning of the energy system within today's liberalized energy markets. Improving the accuracy of prediction of energy demand as well as of peak loads to ensure the supply of energy by the energy system to end consumers has been of increasing interest to researchers in recent years.

The objective of this Special Issue is to present new, emerging methodologies that improve the traditional tools used in load forecasting. Artificial intelligence, machine learning, deep learning, and hybrid models are some of the new methods that can help improve decision-making in today's energy markets, characterized by high uncertainty and volatility.

For this reason, we encourage researchers to submit their contributions in this field that represent advances in current scientific knowledge along with practical and/or real applications.

Prof. J.Carlos García-Díaz
Prof. Óscar Trull

applied sciences

IMPACT FACTOR 2.5

CITESCORE 5.3

an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32, 20133 Milano, Italy

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.
High Visibility: indexed within Scopus, SCIE (Web of Science), Inspec, CAPlus / SciFinder, and other databases.
Journal Rank: JCR - Q1 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

Contact Us

Applied Sciences Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/applsci
applsci@mdpi.com
𝕏@Applsci