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Time Series Forecasting for Energy Consumption

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Message from the Guest Editor

In the last few years, there has been considerable progress in time-series forecasting algorithms, which are becoming more and more accurate, and its applications are numerous and varied. Specifically, predicting accurately energy consumption in a particular building, country, etc. is an important task to properly manage energy efficiency. Moreover, it can be advantageous to carry this out in a short time taking into account the new consumption paradigm. On the other hand, the time horizon must be considered, which can be short, medium, or long-term. For this reason, it is important to develop and implement new intelligent models faster and more accurately. In this way, the application of Big Data and Machine Learning techniques have become essential to achieve this goal.

This Special Issue seeks to contribute to the advancement of energy consumption prediction using artificial intelligence models in an optimal and precise manner. We invite papers on innovative artificial intelligence applications to energy consumption forecasting, including reviews and case studies.

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Message from the Editor-in-Chief

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