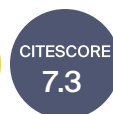




*energies*



an Open Access Journal by MDPI

## Data Science and Big Data in Energy Forecasting

Guest Editors:

### Message from the Guest Editors

**Dr. José C. Riquelme**

Department of Languages and  
Computer Systems, University of  
Seville, 41012 Seville, Spain

**Prof. Dr. Alicia Troncoso**

Data Science & Big Data Lab,  
Pablo de Olavide University, ES-  
41013 Seville, Spain

**Prof. Dr. Francisco Martínez-  
Álvarez**

Department of Computer  
Science, Pablo de Olavide  
University, ES-41013 Seville,  
Spain

Deadline for manuscript  
submissions:

**closed (5 February 2018)**

This Special Issue focuses on the forecasting of time series, with particular emphasis on energy-related data by means of data science (DS) and big data (BD) techniques. By energy, we understand any kind of energy, such as electrical, solar, microwave, wind, etc.

Very powerful approaches have been developed in the context of DS and BD during the last years. With them, automated machine learning methods for extracting relevant patterns, HPC or data visualization are being successfully applied to energy time series forecasting nowadays.

For all the aforementioned, we encourage researchers to share their original works in the field of energy time series forecasting. Topics of interest include, but are not limited to:

1. DS & BD in energy time series analysis.
2. DS & BD in energy time series modelling.
3. DS & BD in energy-related time series forecasting.
4. DS & BD in non-parametric time series approaches.

Prof. J. C. Riquelme  
Prof. A. Troncoso  
Prof. F. Martínez-Álvarez  
Guest Editors



[mdpi.com/si/10323](https://mdpi.com/si/10323)

# Special Issue



# *energies*



an Open Access Journal by MDPI

## Editor-in-Chief

### **Prof. Dr. Enrico Sciubba**

Department of Mechanical and  
Industrial Engineering, University  
Nicolò Cusano, 00166 Roma,  
Italy

## Message from the Editor-in-Chief

*Energies* is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

## 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), Ei Compendex, RePEc, Inspec, CAPlus / SciFinder, and other databases.

**Journal Rank:** CiteScore - Q1 (Control and Optimization)

## Contact Us

---

*Energies* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/energies](http://mdpi.com/journal/energies)  
[energies@mdpi.com](mailto:energies@mdpi.com)  
[X@energies\\_mdpi](https://x.com/energies_mdpi)