



## Application of Information Measures for Analysis and Predictability of Renewable Energy Time Series

Guest Editors:

**Prof. Dr. Dragutin T. Mihailović**

Faculty of Agriculture, University of Novi Sad, Novi Sad 21000, Serbia

**Prof. Dr. Miloud Bessafi**

Faculty of Sciences and Technology, LE<sup>2</sup>P-Energy Lab, University of La Réunion, La Réunion 97715, France

Deadline for manuscript submissions:

**closed (31 May 2019)**

### Message from the Guest Editors

Dear Colleagues,

Renewable energy is energy that is collected from carbon-free resources, which are naturally provided on a human time scale, such as solar radiation, wind, rain, tides, biomass, waves and geothermal heat. This energy often provides energy in four important areas: Electricity generation, air and water heating/cooling, transportation and energy for off-grid services, which can be either stand-alone power systems or mini-grids typically supplying a smaller community or small islands with electricity. In the past few decades, the renewable energy has become one of the attractors for policy makers and for the worldwide scientific community, both on a theoretical and practical level.

The work on Renewable Energy includes three equally-important parts: (i) reliability of the measuring procedure, (ii) analysis of measured time series often carrying hidden physical information that cannot be established by traditional methods from different mathematical fields and (iii) predictability of the behavior of those time series, which are essentially connected.





an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Kevin H. Knuth

Department of Physics, University  
at Albany, 1400 Washington  
Avenue, Albany, NY 12222, USA

## Message from the Editor-in-Chief

The concept of entropy is traditionally a quantity in physics that has to do with temperature. However, it is now clear that entropy is deeply related to information theory and the process of inference. As such, entropic techniques have found broad application in the sciences.

*Entropy* is an online open access journal providing an advanced forum for the development and/or application of entropic and information-theoretic studies in a wide variety of applications. *Entropy* is inviting innovative and insightful contributions. Please consider *Entropy* as an exceptional home for your manuscript.

## 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](#), [PubMed](#), [PMC](#), [Astrophysics Data System](#), and [other databases](#).

**Journal Rank:** JCR - Q2 (*Physics, Multidisciplinary*) / CiteScore - Q1 (Mathematical Physics)

## Contact Us

---

Entropy Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

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

[mdpi.com/journal/entropy](http://mdpi.com/journal/entropy)  
[entropy@mdpi.com](mailto:entropy@mdpi.com)  
[X@Entropy\\_MDPI](https://twitter.com/Entropy_MDPI)