



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

guto@polj.uns.ac.rs

Prof. Dr. Miloud Bessafi

Faculty of Sciences and
Technology, LE²P-Energy Lab,
University of La Réunion, La
Réunion 97715, France

miloud.bessafi@univ-reunion.fr

Deadline for manuscript
submissions:

31 May 2019

Message from the Guest Editors

Dear Colleagues,

Renewable energy is energy that is collected from carbon-free resources such as solar radiation, wind, rain, tides, biomass, waves and geothermal heat. This energy often provides energy typically supplying a smaller community or small islands with electricity. In the past few decades, the renewable energy is in the focus of the worldwide scientific community, both on a theoretical and practical level.

The work on Renewable Energy includes three important parts: reliability of the measuring procedure, analysis of time series often carrying hidden physical information that cannot be established by traditional methods from different mathematical fields and predictability of those time series, which are essentially connected. In this Special Issue in the focus is research that addresses Renewable Energy problems using Information Theory approaches by novel development of Information Theory for applications, and/or by solving a new Renewable Energy problem using the tools of Information Theory. Submissions at the edge of Information Theory, Renewable Energy, and other disciplines are also welcome.

Prof. Dr. Dragutin T. Mihailović

Prof. Dr. Miloud Bessafi

Guest Editors





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 by the Science Citation Index Expanded (Web of Science), MathSciNet (AMS), Inspec (IET), Scopus and other databases.

Rapid publication: manuscripts are peer-reviewed and a first decision provided to authors approximately 21 days after submission; acceptance to publication is undertaken in 5.36 days (median values for papers published in the first six months of 2018).

Contact us

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

Tel: +41 61 683 77 34
Fax: +41 61 302 89 18
www.mdpi.com

mdpi.com/journal/entropy
entropy@mdpi.com
@Entropy_MDPI