



energies



an Open Access Journal by MDPI

Digital Transformation in the Energy Sector: Data-Driven Analytics, Services and Business Models

Guest Editors:

Dr. Dimitrios I. Doukas

1. NET2GRID BV, 54630
Thessaloniki, Greece
2. School of Electrical & Computer
Engineering, Aristotle University
of Thessaloniki, 54511
Thessaloniki, Greece

Dr. Antonios Marinopoulos

European Climate, Infrastructure
and Environment Executive
Agency (CINEA), European
Commission, B-1049 Brussels,
Belgium

Deadline for manuscript
submissions:

closed (24 May 2023)

Message from the Guest Editors

A fundamental research challenge, still partially resolved as of today, is how to transform Big (Energy) Data into meaningful information or, in other words, turn them into valuable services and use-cases. Although a relatively new area of applied research, AI-based energy data analytics services are addressing market needs and enable several opportunities for energy companies. Thus, for this Special Issue we solicit research articles that cover the entire lifecycle of data-driven analytics, services and business models focused on the energy distribution and the end users. We welcome papers covering the whole range from methodological data collection, to the design and evaluation of data analytics solutions and finally to the actual implementation of data-driven use cases for different stakeholders.



mdpi.com/si/73679

Special Issue



energies



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and
Aerospace Engineering,
University of Roma Sapienza, Via
Eudossiana 18, 00184 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 (*Engineering (miscellaneous)*)

Contact Us

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

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

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