

Special Issue

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

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.

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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.

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