# Special Issue

# Data Analytics in Energy Systems

### Message from the Guest Editors

The big data in energy systems have brought several opportunities and challenges simultaneously for researchers. The main challenges in big data analytics and mining include data inconsistency and incompleteness, scalability, timeliness, data reduction and integration, and data security. To deal with these challenges, the big data should be transformed into a reasonable structure using data mining algorithms. The characteristics of big data should be considered in the transformation algorithms that includes “volume”, “velocity”, “variety” and “value”. This Special Issue is intended to present original research papers with high quality and novelty on “Data Analytics in Energy Systems”. Topics of interest include, but are not limited to:

- Data classification
- Data Clustering
- Distributed data mining
- Data cleaning
- Data reduction
- Data integration
- Data transformation
- Data forecasting
- Data management
- Data visualization
- Data statistical analysis
- Fault detection and diagnosis for energy systems.

Dr. Ali Ahmadian

### Guest Editors

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### Deadline for manuscript submissions

closed (30 December 2020)


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# About the Journal

## 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.

## Editor-in-Chief

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