Special Issue

Artificial Intelligence Technologies for Electric Power Systems

Message from the Guest Editor

Artificial intelligence technologies, whose bases were laid in the 1940s, are today experiencing an impressive evolution, and their integration into the power industry is an unquestionable must. Predicting electricity consumption and generation using artificial neural networks, identifying consumer categories based on clustering and self-organizing techniques, optimizing the design and operation of transmission and distribution networks using metaheuristics or the intelligent control of automation and protection systems based on fuzzy logic and fuzzy techniques are just a few examples of applications of artificial intelligence techniques in power systems. This Special Issue welcomes original contributions in the application of artificial intelligence in power systems or other related fields.

Guest Editor

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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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