

Special Issue

Artificial Intelligence Techniques in Smart Grids

Message from the Guest Editor

Artificial intelligence (AI) is the modern way to perceive, synthesize and demonstrate information relating to science and technology aspects of today's societies. Utilizing appropriate AI models, regression, pattern classification and recognition, prediction and approximation can be realized sustainable development. With the ever-increasing contribution of alternative energy resources in current power systems, the up-to-date passive grids have already been transformed into active, bi-directional networks that are continuously calling for efficient tools to retain stability and reliability. Being able to consolidate the real-world constraints, these systems could not exist without considering the resources hybridization, multi-sectoral energy satisfaction. The scope of this Special Issue is to examine original research and reviews related to the most recent developments and techniques on the field of smart grid solutions. Within the broad specialized area, intelligent algorithms, novel approaches, alternative models and experimental evaluations that promote and disseminate knowledge on these topics are welcome.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

Algorithms are the core of computational mathematics and computer science. The whole area has been considered from different perspectives, which has led to the development of several sub-communities. The aim is to bring together researchers and practitioners from different areas of computational mathematics and computer science and to offer a platform for interdisciplinary applications in different areas of science and technology. In this way, *Algorithms* may become a forum for the exchange of new stimulating ideas between the different sub-communities working in the area of algorithms and their applications and the presentation of high-quality novel algorithmic approaches.

Editor-in-Chief

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