

Special Issue

Going Smart: Integrating Artificial Neural Network in the Energy Domain

Message from the Guest Editors

Smart grids are playing an increasingly important role in the context of so-called smart environments. In the energy domain, the data are collected by the distributed intelligent elements of smart grids in the context of the Internet of Things paradigm. Possible types of learning methods used by artificial intelligence include machine learning and deep learning. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Artificial intelligence applied to the energy system
- Big data applied to the energy system
- Carbon footprint
- Deep learning applied to the energy system
- Energy consumption
- Energy demand
- Energy efficiency
- Energy forecasting
- Green communications
- Internet of Things applied to the energy system
- Machine learning applied to the energy system
- Microgrids
- Renewable energies
- Smart buildings
- Smart environments
- Smart grid

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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

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