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Energy and Artificial Intelligence

Guest Editor:

Dr. Piotr Kosowski

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Deadline for manuscript submissions:

closed (15 November 2022)

Message from the Guest Editor

Dear Colleagues,

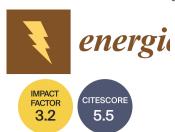
The world is entering a new age driven by data, and taking advantage of the opportunities offered by Artificial Intelligence (AI) and Machine Learning becomes a business necessity. This Special Issue will deal with novel AI and ML application in the energy sector. Topics of interest for publication include but are not limited to:

- Data science in the energy sector;
- Al in the process of energy transformation and decarbonization;
- Forecasting;
- Smart grids;
- Anomalies and failures of prediction in the energy sector:
- Intelligent prevention of energy theft;
- Intelligent control of energy systems;
- Intelligent energy generation;
- Collection and use of data in the energy sector;
- Al and ML, energy, and society;
- Al and ML in energy-related research;
- Big data in energy;
- Design of materials, devices, and energy systems based on data;
- The Internet of Things in the energy sector;
- Virtual reality in energy;
- Maximizing energy efficiency with the use of Al and ML;
- Al and the human factor in energy;
- Energy robotis peciassus
 Energy mode



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Guest Editor



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Editor-in-Chief

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Message from the Editor-in-Chief

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