

Special Issue

Advanced Energy Saving Technologies for Sustainable Energy Engineering

Message from the Guest Editors

This Special Issue aims to introduce new thematic advances in AI applied to energy saving and sustainable energy. It particularly welcomes the submission of original research articles that focus on the potential optimization of these networks via novel multicriteria models that allow for more effective decision making and research articles that discuss the current state of the art. Potential topics include, but are not limited to, the following:

- Innovations applied to information and communications technologies in home energy management systems;
- New perspectives for the provision of the energy management system;
- Optimization tools for the elaboration of the energy management system;
- Optimization models for the energy management system in smart cities and intelligent villages context;
- Optimization models for the energy management systems and the question of one-off instances of emergency;
- Innovations in energy saving;
- Advances in AI applied to energy saving and sustainable energy.

Keywords: energy management system; multi-criteria analysis; renewable energy; power generation; energy efficiency; quality of life; smart homes; smart buildings

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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. *Sustainability* publishes original research articles, review 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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