

Special Issue

Recent Advances in Industrial Mathematics and Applications for Current Smart Energy Systems

Message from the Guest Editors

Advanced industrial mathematics has achieved tangible success in ubiquitous energy industry operations. This Special Issue focuses on the development and/or use of recent advances in industrial mathematics for the control, operation, and planning of the current energy systems including electric power, thermal, gas, water, and transportation systems or their combinations. Academics, industrial stakeholders, and research groups are invited to bring novel insights into problems related to current multi-energy systems, active distribution systems, smart grids, smart cities, green buildings, etc. This Special Issue provides a platform for our community to present novel and unpublished work in the domain of control theory, operations research, and machine learning that attacks the unsolved or emerging problems. This will contribute to facilitating future research in industrial mathematics related to the energy industry. Topics of interest include, but are not limited to:

- Mathematical models and analytical characteristics of current smart energy systems;
- Algorithms with applications to energy systems;
- Learning-based smart energy systems operation and control.
- etc.

Guest Editors

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Deadline for manuscript submissions

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About the Journal

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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