Special Issue

Advances of Modeling Methods in Energy Systems

Message from the Guest Editors

This Special Issue aims to present and disseminate the most recent advances related to modeling theory, approaches, and applications of energy systems. Topic of interests for publication include but are not limited to:

- New modeling theory and fundamentals for energy systems;
- Modeling methods, design, and analysis for energy systems;
- New physics- and/or first principle-based modeling approaches of energy systems;
- Data-driven and/or machine learning approaches of energy systems;
- Modeling techniques for smart energy systems;
- Modeling approaches for different applications, such as prediction, fault detection and diagnosis, control, manufacturing, etc., in energy systems;
- Identification of key challenges and opportunities for future research of modeling methods in energy systems.

Guest Editors

Dr. Chao Liu

Department of Energy and Power Engineering, Tsinghua University, Beijing 100084, China

Dr. Zhanhong Jiang

Data Sciences and Product Development, Johnson Controls, Milwaukee, WI 53209, USA

Deadline for manuscript submissions

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Energies
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
energies@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Enrico Sciubba
Department of Mechanical and Industrial Engineering, University Niccolò Cusano, 00166 Roma, Italy

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