

## Special Issue

# Modeling Electricity Markets and Energy Systems: Challenges and Opportunities Ahead

### Message from the Guest Editors

The works presented in this Special Issue should concern the latest developments in energy systems and power market modeling; the coupling of energy systems and electricity market models; improving the spatial, temporal, and technological resolution of energy system models; visualizing complex energy system models; and studying the behavior of stakeholders in energy systems and electricity markets. **Keywords:**

- energy system model;
- power market model;
- soft-coupling;
- hard-coupling;
- power generation companies;
- players' behavior;
- energy vectors;
- visualization;
- co-simulation;
- optimization;
- flexibility;
- intermittency;
- renewable energy sources;
- sustainable development;
- technology explicitness;
- spatial resolution;
- temporal resolution

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### Guest Editors

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### Deadline for manuscript submissions

closed (25 November 2023)



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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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