

Special Issue

Modeling and Optimization of Energy Efficiency in the Light of Energy Security

Message from the Guest Editors

Energy security is currently one of the most important issues for political, environmental, and economic reasons. To ensure this type of security, it is necessary to transform the energy systems of countries around the world. An important aspect of obtaining energy security when using renewable energy sources is the possibility of storing the generated energy and the stable operation of energy systems. We would like the proposed Special Issue to give scientists from various fields an opportunity to present the results of their research within the framework of broadly understood energy security. The submitted manuscripts may relate to energy security in the field of modeling, simulation, and optimization, among others:

- Energy storage;
- Processing of materials, obtaining critical raw materials (e.g., REE) for energy production;
- Saving energy;
- Renewable energy;
- Electric vehicles, modern engines, etc.

Guest Editors

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Dr. Aleksandra Rybak

Prof. Dr. Jarosław Joostberens

Deadline for manuscript submissions

closed (15 February 2025)



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About the Journal

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guestedited by leading experts in selected topics of interest.

Editor-in-Chief

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