

## Special Issue

# Challenges and Opportunities in the Global Clean Energy Transition

### Message from the Guest Editors

We are pleased to invite you to participate in this Special Issue and join our team at the Centre of Excellence "Mechatronics and Clean Technology", Campus Technical University, Sofia. In our work toward the realisation of the centre, combining almost all areas of engineering, we focused on the creation, development, and implementation of innovative technologies and systems for sustainable development based on the use of green energy. As a result of accelerated development based on digital technologies, mechatronics and their systems are becoming key to combining growing energy needs and maintaining the ecological balance of the planet. The main themes of our research are computer modelling and the development of technologies and new materials for engineering and re-engineering; electronic, optical, sensor and bio-mechatronic systems and technologies; mechatronic systems and technologies; clean energy; and green technologies.

### Guest Editors

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### Deadline for manuscript submissions

15 September 2025



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### 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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### Editor-in-Chief

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