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Environmental Assessment and Optimization of Energy Systems and Technologies

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closed (25 October 2022)

Message from the Guest Editors

Dear colleagues,

Designing sustainable energy systems making the best use of technological advances is a major challenge which calls for advanced tools to support the decision-making process. In this context, the combination of life cycle thinking with optimisation has emerged as a powerful tool to address different energy-related problems across multiples scales. It is our ambition to collect papers on this topic for this Special Issue. Topics of interest for publication include, but are not limited to:

- Modelling, simulation, and optimisation of energy systems
- Economic, social and environmental impacts of energy systems and technologies
- Demand-side management for smart grids, smart houses
- Analysis and development of energy and environmental policies
- Techno-economic and environmental assessment of energy storage options
- Environmental protection technologies for energy production systems: carbon capture

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Guest Editors



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Special Issue



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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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