

Special Issue

Planning, Operation, Control and Economics of Renewable and Smart Energy Systems

Message from the Guest Editors

Environmental concerns have increased due to global warming, mostly related to the emission of greenhouse gases as a result of the increase in worldwide energy consumption. To reduce these emissions, countries around the world are setting new and more ambitious environmental targets to decarbonise electricity generation using renewable energy sources. This Special Issue aims to promote and disseminate recent advances in the area of renewable energy systems, more specifically that which concerns planning, operation, and control. Potential topics include, but are not limited to, the development and implementation of optimisation models, intelligent control, renewable energy communities, renewable energy systems, smart energy systems, renewable energy sources, guarantees of origin, economics and policies of renewable energy, energy systems analyses and modelling, energy storage, energy markets, and new trends in renewable energy systems. In light of the above, this Special Issue seeks original high-quality contributions from researchers, academicians, and industry professionals from all over the world.

Guest Editors

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Deadline for manuscript submissions

closed (25 February 2025)



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Impact Factor 3.2
CiteScore 7.3



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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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