

Special Issue

Sustainable Energy Transition, Utilization and Management – An Elemental Endowment to SDG 7

Message from the Guest Editors

The objective of this Special Issue is to attract researchers and practitioners in energy and SDGs, including national and global policies and initiatives to achieve the targets of SDG 7, to achieve the Sustainable Development Goals. This Special Issue will accept original/review research about novel and innovative approaches that address the following topics (but is not limited to these): Renewable energy/distributed energy resource integration; Energy transition and transformation—decentralization, digitization and decarbonization; Energy system design, modeling and optimization to achieve SDG 7 targets; Energy from waste, recycling and circularity; Mini-, micro- and nano-grids—the roles in electrification, digitization and automation; Micro-grids: ancillary services, transactive energy and demand responses; Electric vehicles—efficiency enhancement, affordability analysis and the influence on various sectors; policies and regulations, techno-economic analysis and assessments.

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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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