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

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Deadline for manuscript submissions:

closed (24 December 2021)

Message from the Guest Editors

Dear Colleagues,

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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Guest Editors



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Special Issue



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Message from the Editor-in-Chief

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