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Optimal Design of Off-Grid Power Systems

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Deadline for manuscript submissions:

closed (15 August 2022)

Message from the Guest Editors

This Special Issue aims to collect original research and studies on the abovementioned multidisciplinary topics, including all technical, economic, policy, and social aspects related to the optimal design of off-grid power systems. Papers selected for this Special Issue will be subject to a rigorous peer review procedure, with the aim of rapid and wide dissemination of research results, developments, and applications.

We are writing to invite you to submit your original work to this Special Issue, and we look forward to receiving your outstanding research. Topics of interest for publication include but are not limited to:

Isolated hybrid energy systems; Renewable energy sources; Energy storage and batteries; Stand-alone microgrids; Power generation and distribution network sizing; Life cycle assessment (LCA); Multiyear planning; Water–energy–food nexus; Circular economy; Demand response; Business models; Sustainable Development Goals (SDG); Energy access; Multiobjective multicriteria approaches; Policy and regulation; Power system security and quality; Rural electrification; Reliability and security; Energy management/generation dispatching; Subsidies/grants.



mdpi.com/si/69606

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Message from the Editor-in-Chief

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