

Special Issue

Optimal Design of Off-Grid Power Systems

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.

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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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