

Special Issue

Renewable Energy Systems for Energy Communities

Message from the Guest Editors

We expect that submissions to this Special Issue will cover the following: overviews of policy landscapes, regulatory frameworks and trends which highlight the significant rules that accelerate the establishment of energy communities; proposals for innovative models, methods, techniques, and technologies; the current and future applications of hardware and software technologies: peer-to-peer, blockchain, smart contracts, IoT, digital twins, smart metering, and cloud platforms; the real role of energy communities in electricity markets and in the provision of ancillary services; practical problems, successful strategies, and examples of applied research which have resulted in solutions and strategies that, although extremely interesting, have not yet spread widely beyond regional or national borders; business models, costs and risks analysis in energy community financing, and the inclusion of the end user in the capital share; and boosting consumer engagement at the community level, combining technological tools with social science approaches, and leading them to act as prosumers and/or flexsumers.

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Deadline for manuscript submissions

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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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