

Special Issue

Energy Conversion System – Small Hydropower Plants

Message from the Guest Editors

Today, small hydropower plants (SHPs) are attractive sources due to the low administrative and executive costs, short construction time, and small environmental impact. Furthermore, in the form of decentralized energy sources located close to their customers, SHPs improve grid stability by diversifying the electricity system and reducing transmission losses. The aim of this Special Issue is to encourage scientists to publish their experimental and theoretical research on topics related to energy conversion systems dedicated to small hydropower plants. The focuses of this Special Issue include, without being limited to, the following themes:

- New solutions of energy conversion systems;
- Power generation efficiency;
- Microgrids to serve the local loads;
- Hybrid hydro power systems;
- Pump-as-turbine solutions;
- Variable speed operation in hydropower.

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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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