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Electrical Energy Production in the Water Sector

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submissions:

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Message from the Guest Editor

In this Special Issue, the role of hydropower in the improvement of the water sector efficiency and on the reduction of energy dependency are important variables for the near future. In this context, authors are invited to submit papers dealing with new design solutions, hybrid solutions, energy recovery, pumped-storage hydropower and hybrid plants, pump as turbine operation, new energy converter technologies, complementarity between renewable sources, range of hydropower turbines, eco-design and systems for a more flexible operation, and pump and turbine optimization to variable speed.

The scope of this Special Issue is not limited to the above-mentioned topics. The journal will be pleased to receive papers from the full value-chain of hydropower, including resource-mapping, planning, design, construction, maintenance and operation, interaction and integration with other uses of water and energy, and the effects on the climate change.



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Special Issue



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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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