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Role of Hydropower for Sustainable Future Energy System: Synergies, Challenges and Development

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Deadline for manuscript submissions:

closed (31 March 2022)

Message from the Guest Editors

Dear Colleagues,

We organize this Special Issue, and welcome studies and research which address but are not limited to the following topics:

- interactions between the hydropower energy-water with respect to climate and hydrological variables
- climate-policy, power grid management options, socio-economic mitigation measures and land use
- hydropower policy developments or business innovations
- decision support systems and optimization modelling for hydropower
- quantifying the impacts of hydropower production on ecosystems
- predicting complementarity of hydropower with wind/solar
- application of new tools, such as remote sensing techniques, to accumulate environmental dataset for hydropower planning, operation, and monitoring

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Guest Editors



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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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