

Special Issue

Innovations in Hydropower and Energy Storage: Bridging Renewable Energy Solutions

Message from the Guest Editors

This Special Issue focuses specifically on the frontier of hydropower technology and its associated fluid machinery, exploring how these innovations integrate with and are augmented by energy storage solutions. We aim to highlight cutting-edge research that redefines the performance, application, and sustainability of water-based energy systems, from traditional hydropower plants to novel marine and hydrokinetic concepts. Topics of interest for publication include, but are not limited to, the following: core innovations in hydraulics and fluid machinery; system integration and hybridization; sustainability and environmental compatibility. We invite original research articles and comprehensive reviews that address these pivotal themes. Your contributions will help shape the future of intelligent, efficient, and environmentally responsible hydropower engineering.

Guest Editors

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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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