

Special Issue

Research Status of Operation and Management of Hydropower Station

Message from the Guest Editors

A new type of power system based on renewable energy is one of the effective ways to achieve carbon peaking and carbon neutrality. The aim of this Special Issue is to provide researchers, operators and policy makers in this field with new insights into the optimal operation of hydropower energy under the new power system, in order to further enhance the regulating role of hydropower in maintaining the stability of the power grid, and to effectively respond to the challenges posed by the integration of renewable energy sources, such as wind and solar energy, into the grid.

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In the context of global changes, the sustainable management of water cycles, going from global and regional water cycles to urban, industrial and agricultural water cycles, plays a very important role on the water resources and on their relationships with food, energy, biodiversity, ecosystem functioning and human health. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications and to propose special issues devoted to new technological and scientific domains and to interdisciplinary approaches of the water cycles. We ensure a critical review process and a quick turnaround between submission and final decision.

Editor-in-Chief

Dr. Jean-Luc PROBST

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