## Special Issue

## Optimization and Research Progress of Pumped Storage System

## Message from the Guest Editor

Pumped storage systems are deemed to be a mature economic and large-scale feasible solution to storing energy in an efficient way compared to other technologies such as supercapacitors or electrochemical batteries. In addition, they can participate in ancillary services markets, offering regulating frequency reserve and enlarging their expected incomes. However, their high investment costs could be a barrier to commissioning new projects. In the context of liberalized electricity systems, the participation of pumped storage systems in a multimarket framework becomes critical to improving their economic viability. In this Special Issue on the 'Optimization and Research Progress of Pumped Storage Systems', I invite authors to submit papers on the current trends and challenges of the technology under the uncertainty brought on by climate change.

#### Guest Editor

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### Deadline for manuscript submissions

closed (15 October 2023)



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## Editor-in-Chief

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