Special Issue

Advanced Research on Hydro-Wind-Solar Hybrid Power Systems

Message from the Guest Editors

With the successive planning and construction of a large number of hydro-wind-solar complementary clean energy bases, not only the inherent stochastic fluctuation of water, wind and solar resources, but also hydropower station, wind power station and solar power station groups with different spatial locations lead to the temporal and spatial variation mechanism of water, wind and solar resources in the basin becoming more complicated. In addition, global climate change and human activities have sharply changed the process and features of resources and have exerted a huge impact on power systems. As a result, it is difficult to predict future resource conditions precisely and synergize hybrid power systems. It is necessary to develop effective methods and technologies for improving the utilization efficiency of the hydro-wind-solar power systems.

Original field and experimental research papers, review papers, and case studies are invited for submission in the context of managements on Hydro-Wind-Solar Hybrid Power Systems, and other related problems.

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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

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