



Recent Advances in Hydraulic Turbines

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Message from the Guest Editors

Hydropower is a major source of renewable energy (RE). However, there is significant concern about the environmental impact of large hydro plants working with large volumes of water stored in artificial basins. Thus, at present, running water mini hydro plants are the best RE producer with the highest power density and lowest environmental impact.

This Special Issue aims to provide an overview of the most recent advances in the field of hydraulic turbines and hydro plant design and management.

Potential topics will include, but are not limited to:

- The design of new hydraulic turbines for running water plants;
- The design of new electric systems for electricity generation in running water hydro plants;
- Mechanic design of new hydraulic turbines;
- Cyber security in hydro plants;
- Mini hydro plants and smart grids;
- Cost/benefit analysis of mini hydro plants;
- Advances in the design of high-power hydraulic turbines.





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Message from the Editor-in-Chief

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