



## Recent Advances in the Operation and Maintenance of Hydropower Plants

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Deadline for manuscript  
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### Message from the Guest Editors

Dear Colleagues,

Hydropower is one of the most significant sources of energy worldwide and plays a crucial role in the energy market. Hydropower has brought advantages for economies and individuals in many places, but there is also evidence of a range of drawbacks in terms of the environment and the impact on individuals and communities. The complexities around these sometimes conflicting issues need to be understood and addressed given that many operating hydropower plants play a significant role in energy markets. This Special Issue provides an overview of the recent advances in the operation and maintenance of hydropower plants and covers a range of topics, including, but not limited to:

- The effect of climate change on hydropower plant operation and performance;
- Hydropower plants' construction and operation with regard to the environmental impact of the dam;
- Numerical simulations of hydropower plant components;
- Fluid/solid interaction of hydraulic parts;
- Machine learning methods for operation and maintenance purposes;
- [...]

For more details, please find at:



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## Message from the Editor-in-Chief

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