



The Future of Hydropower: Sustainable Practices, Innovative Technologies and New Scientific Insights

Guest Editor:

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submissions:

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Message from the Guest Editor

Dear Colleagues,

It is my pleasure to invite you to submit a scientific paper to the special issue “The Future of Hydropower: Sustainable Goals, Planning, Practices, and Technologies”.

The scope of this Special Issue is to contribute to the development and implementation of both sustainable solutions to make hydropower more environmental friendly, and new technologies and methodologies to make it more flexible, efficient and economically attractive. Interesting topics are the rehabilitation of old plants, the optimization of hydraulic structures to increase their efficiency and eco-sustainability, fish protection by implementing fish friendly solutions (like fish friendly turbines and fish passages), the optimization of hydropower schemes to reduce environmental impacts, sustainable practices and strategic planning (both at the large and local scale) in light of the Water Framework Directive, and impact/environmental assessments of hydropower plants. Practical implications for engineering applications and for policy decisions are highly encouraged, with a focus on the European Union context.





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Editor-in-Chief

Prof. Dr. Marc A. Rosen

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Message from the Editor-in-Chief

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