

Invitation for publish in special issue - Journal Water (IF 2.544) – [Advances and Challenges in Hydropower]

Dear Colleague,

As Guest Editors for a Special Issue of the open access journal Water (ISSN 2073-4441, IF 2.544, <http://www.mdpi.com/journal/water/stats>), we would like to invite you to publish a paper in this issue. The topic of the issue is *Advances and Challenges in Hydropower*. Either a long review or research paper are encouraged.

This special issue focuses on hydraulic structures such as dams, weirs, intakes, tunnel systems, power stations, spillways, and outlets from the waterways, which in turn represent one of the backbones for the generation of hydroelectricity. Contributions are invited which address the development of novel and innovative solutions for improving the reliability, efficiency, safety, and environmental friendliness of hydropower infrastructure and reservoirs. This includes contributions focusing on analytical considerations, scale model investigations, numerical simulations and field investigations. Special emphasis is placed on the further development of hybrid modelling strategies, i.e. the combined application of hydraulic scale models, numerical models and/or field investigations to make full use of the advantages and to minimize the uncertainties associated with the different modelling strategies.

For further reading, please follow the link to the Special Issue Website at:

https://www.mdpi.com/journal/water/special_issues/advances_hydropower

The submission deadline is **30 April 2021**. You may send your manuscript now or up until the deadline, submissions will be published immediately after acceptance in an ongoing basis. Water is fully open access (unlimited and free access by readers), that increases publicity and promotes more frequent citations. An Article Processing Charge (APC) of 1800 CHF applies to all accepted papers.

You may also be entitled to a discount if you have previously received a discount code or if your institute is participating in the MDPI Institutional Open Access Program (IOAP), for more information see: <http://www.mdpi.com/about/ioap>.

Please feel free to reach me or janelee.li@mdpi.com (assistant editor of Water) should you have any questions. We sincerely look forward to hearing from you.

Best Regards,

Special Issue Guest Editors:

Prof. Dr.-Ing. Jochen Aberle (Technische Universität Braunschweig, Germany)

Prof. Dr. Robert Boes (ETH Zürich, Switzerland)