



water

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CFD in Fluid Machinery Design and Optimization

Guest Editors:

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Deadline for manuscript
submissions:

closed (20 July 2024)

Message from the Guest Editors

This *Special Issue* seeks high-quality original research focusing on the latest novel advances regarding the Design and Optimization of Fluid Machinery by means of CFD. Original research and review articles are welcome.

Potential topics include but are not limited to the following:

- Design and optimization of fluid machinery;
- Cavitation performance and its control;
- Numerical simulation of transient flow and unsteady flow;
- Flow-induced vibration in fluid machinery;
- Multiphase flow;
- Irrigation and drainage;
- Innovative technologies for flow control.



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Special *Issue*



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Message from the Editor-in-Chief

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.

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