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Hydraulic Engineering and Modelling: Numerical Modelling and Simulation

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Deadline for manuscript submissions:

closed (30 September 2023)

Message from the Guest Editors

Dear Colleagues,

Due to the evolution of geostress, hydrological environments and engineering disturbances, the hydrodynamic process in geomaterials becomes inhomogeneous, anisotropic, nonlinear and time-dependent, impacting the stability and seepage control of reservoir–dam systems. Numerical modelling and simulation are essential ways of investigating the subsurface flow in reservoir–dam systems subjected to stress, temperature changes, solute transport, etc.

We invite authors to contribute original research and review papers illustrating and stimulating the continuing effort undertaken in the numerical modelling and simulation of hydraulic engineering. Potential topics include, but are not limited to

[...]

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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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