Special Issue

Experimental and Numerical Simulation of Groundwater Flow and Solute Transport

Message from the Guest Editor

With continuous population growth and the rapid development of industry and agriculture, the demand for groundwater is increasing day by day. In recent years, studies on simulation of seepage and solute transport have mainly involved hydraulic engineering, petroleum engineering, mining engineering, deep storage of nuclear waste, tunnel engineering, etc. Some environmental problems closely related to human life, such as seawater intrusion, oil pipeline leakage, chemical plant leakage, etc., are strongly tied to groundwater flow and contaminant migration. Therefore, it is very important to study the transportation of groundwater flow and solutes via experimental and numerical simulation. The research results can provide scientific basis for management and decision-making departments.

Guest Editor

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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.

Editor-in-Chief

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