Special Issue

Solute Transport Model and Remediation Technology for Groundwater Contamination

Message from the Guest Editors

Groundwater contamination has become an environmental problem for several decades and it has attracted worldwide concern. Contaminant hydrogeology is a research field that addresses migration, transformation, and the fate of contaminants in groundwater systems. In recent years, solute transport models and remediation technology have been getting more attention with the emergence of new contaminants, the upgrade of contamination characterization technologies, and the development of computing science. This Special Issue, 'Solute Transport Model and Remediation Technology for Groundwater Contamination', aims to review and address the recent advances and challenges of contaminant hydrogeology, present improvements in solute transport modeling, and discuss progress in remediation technology. This Issue awaits submissions of original research articles delivering state-of-the-art modeling analysis and new findings on remediation technology to offer new perspectives for potential readers. Keywords: groundwater contaminants; groundwater quality management; solute transport modeling; water security; remediation technology

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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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