Special Issue

Remediation of NAPL-Contaminated Groundwater Aquifers

Message from the Guest Editors

Petroleum hydrocarbons and organic solvents (nonaqueous-phase liquids (NAPLs)) are common contaminants in subsurface environments, posing a serious threat to groundwater resources. This special issue is dedicated to bringing current knowledge on innovative technologies and methodologies of groundwater remediation and quantify its social impacts.

The potential topics of the special issue include, but are not limited to:

Flow of immiscible fluids in soils
Sampling, modeling, and characterization of contaminated sites
Source zone identification
Remediation strategies and cost-effective designs
Numerical simulation for characterizing contaminant transport
Analytical solution for analysis on solute transport behavior
Monitoring techniques and site management
Other topics on applications of remediation of NAPL-contaminated aquifers

We welcome both original research papers and review papers in all aspects of NAPL-contaminated site characterization and remediation.

Guest Editors

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Prof. Dr. Chuen-Fa Ni

Dr. Heejun Suk

Deadline for manuscript submissions

closed (30 September 2022)

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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.

Editor-in-Chief

Dr. Jean-Luc PROBST
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