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Remediation of NAPL-Contaminated Groundwater Aquifers

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Deadline for manuscript submissions:

closed (30 September 2022)

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.



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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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