Special Issue

Advances in In Situ Biological and Chemical Groundwater Treatment

Message from the Guest Editors

The increasing availability of scientific studies has progressively drawn attention to in situ remediation technologies for groundwater. Most of them are innovative compared to the “pump and treat” approach, and allow to reduce the remediation time and to increase remediation sustainability. Various studies have shown that pesticides, industrial chemicals, solvents, fuel additives, and nitrate occur in groundwater. Recently, micropollutants originating from pharmaceuticals and personal care products and endocrine-disrupting compounds have posed an increasing concern. A number of relevant pollutant mixtures can be present in groundwater as a non-aqueous phase liquid (NAPL), due to very low water solubility. In general, pollutants in a non-aqueous phase can be extremely persistent and the in situ remediation highly demanding. Contributions are invited for manuscripts referring to innovative in situ technology for groundwater remediation, based on chemical or biological processes, from either traditional or emerging pollutants, and NAPLs. For further reading, please visit the *Special Issue website*

Guest Editors

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Deadline for manuscript submissions

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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

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