Special Issue

State-of-the-Art Research of Groundwater Pollution Control and Remediation

Message from the Guest Editor

The occurrence forms and spatial distribution characteristics of pollutants in groundwater are very important for the assessment of remediation scope and selection of remediation technology. Therefore, the migration and transformation of pollutants in groundwater should be studied extensively. The calculation of pollutant flux at the interface between the vadose zone and groundwater and the identification of pollution sources in groundwater should also be the technical support for control and remediation measures. The currently targeted groundwater pollutant remediation technologies and remediation materials should also be further studied. In particular, studies on material characteristics, process design, scale-up, model simulation, and demonstration engineering should be presented to demonstrate the effectiveness of restoration technology or restoration material. We invite papers to be published in this Special Issue that are close to these topics, including the migration and transformation of pollutants in groundwater, calculation of interfacial flux, identification of pollution sources, and application of new remediation technologies and materials.

Guest Editor

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Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Scientific discoveries and advances in this research field play a critical role in providing a rational basis for informed decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards.

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Editor-in-Chief

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