Special Issue

Deep Learning-Based Methods for Groundwater Contamination Identification

Message from the Guest Editors

Groundwater is an essential resource for human economic production and livelihood. However, the increasingly severe problem of groundwater pollution poses a significant threat to the security of groundwater resources. How to efficiently identify, predict, and assess groundwater pollution using deep learning methods is currently a hot topic of research. We are delighted to invite you to contribute your innovative findings on "Deep Learning-Based Methods for Groundwater Contamination Identification" to make a contribution to this theme. These papers can include, but are not limited to, the following topics: (1) Identification of groundwater pollution sources based on deep learning;
(2) Deep learning models for predicting groundwater pollution;
(3) Applications of deep learning methods in the assessment of groundwater quality;
(4) Applications of deep learning methods in the control and remediation of groundwater pollution.

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Deadline for manuscript submissions

closed (25 June 2025)

About the Journal

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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