Special Issue

Groundwater Pollution: Sources, Mechanisms, and Prevention (Second Edition)

Message from the Guest Editors

Groundwater resources are vital for ecosystems and for human health and prosperity. This Special Issue aims to present new research contributions in the area of groundwater contamination and will focus on the sources, effects, and exposure of natural and artificial groundwater pollutants, hydrological processes, and hydrochemical properties of groundwater, the intrinsic and specific vulnerability of groundwater to pollution, human health risk assessments, and recent trends in management and pollution mitigation, prevention, and remediation strategies.Potential themes include, but are not limited to, the following:

- Investigating anthropogenic and natural sources of groundwater contamination;
- Intrinsic and specific vulnerability of groundwater to pollution;
- Monitoring of groundwater quality;
- Seawater intrusion and strategies for its management and control;
- Numerical simulation and statistical analysis of groundwater flow and contamination transport;
- Human health risk assessments of groundwater;
- Impact of climate change on groundwater pollution;
- Prevention and mitigation measures, remediation techniques, and policy making.

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About the Journal

Message from the Editor-in-Chief

Hydrology is the study of the waters of the Earth. *Hydrology* has close ties with hydraulics, hydrogeology and the multiple sciences that study the atmosphere, the land surface, the soil and the subsoil, and ranges from complex problems of risk, forecasting and optimization of water resources to interactions with ecological, urban, social and economic systems.
The purpose of *Hydrology* is then to provide a journal where research results and real-world problems can be presented and discussed in order to bridge the traditional gaps between the academic world and the professionals and decision makers. Therefore, *Hydrology*, invites authors to submit their original theoretical, field, experimental, and numerical studies on hydrology with strong emphasis on multidisciplinary approaches and interdisciplinary topics, which cross the typical boundaries of our science.

Editor-in-Chief

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