Fluid Flow and Contamination in Porous Media for Hydrological and Water Resources Applications

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Message from the Guest Editors

This Special Issue of *Hydrology*, titled '*Fluid Flow and Contamination in Porous Media for Hydrological and Water Resources Applications*', invites submissions aiming to enhance our knowledge and understanding of the between hydrochemical parameters interactions and groundwater. The submissions should explore the impact of these parameters on the quality and quantity status of aquifer systems, map the spatio-temporal patterns of driving factors in groundwater processes, and contribute to the formulation of water policies.

Submissions to this Special Issue may cover a range of topics related to any application in which the underlying mechanism is fluid flow in porous networks. Typically, such topics are approached via the use of the following techniques:

1. Physical and/or statistical modelling and/or experiments to estimate aquifer properties and to describe the governing processes.
2. Machine learning (ML) and multivariate statistical tools for classification and estimation purposes.
3. The Optimization techniques of water resources allocation.

For more details, please access the SI webpage.

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