



Hydrogeochemistry and Groundwater Management

Guest Editor:

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closed (31 December 2018)

Message from the Guest Editor

Dear Colleagues,

Groundwater is undeniably an important source of fresh water for the world. Anthropogenic contamination had led to discovery of new hazardous pollutants in groundwater. Only through systematic monitoring, occurrence of pollutants in groundwater can be determined and the sources/processes can be identified. Therefore, research in hydrogeochemistry is necessary to ensure that adequate groundwater resources of good quality are available for future generations.

This Special Issue invites papers on the current status of regional and global groundwater geochemistry and management issues. New methods and indices are also welcome. This Special Issue aims to cover, but is not limited to:

- Natural processes: geology, arsenic, fluoride, salinisation, etc.
- Anthropogenic pollution: nitrate, heavy metals, organic pollutants, emerging contaminants, seawater intrusion, etc.
- Methods: spatial and temporal monitoring, isotopes, geochemical models, numerical models, geospatial techniques, statistical methods, water quality indices, mapping, etc.
- Management: monitoring, treatment, remediation, aquifer recharge, sustainable development, etc.





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Message from the Editor-in-Chief

Understanding the Earth's origin and its bio-geological evolution, the multiple implications of the geosciences (as a coherent set of interconnected disciplines), and the sociocultural and ethical interdisciplinary approaches, will be crucial for a better understanding of Nature, and also for undertaking scientifically based political decisions.

We are committed to drive *Geosciences* to a position in which it is recognized for its high-quality, cutting-edge research and scientific influence, and strongly encourage and invite your participation and manuscripts.

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