

# Special Issue

## Groundwater Pollution

### Message from the Guest Editors

The focus of this Special Issue is to convey a limited number of papers, which describe key issues on emerging problems due to groundwater pollution employing numerical modelling, GIS tools, statistical analyses and their conjunctive use to monitor, assess and quantify processes that determine the contaminants fate and transport in groundwater. This Special Issue aims to cover, without being limited to, the following areas:

Solute transport modelling of organic and inorganic pollutants in variably saturated media, spacing from simple advective transport to complex reactive transport modelling;

Monitoring and assessing groundwater pollution using combined geochemical and geophysical techniques in GIS environments and/or statistical analyses (e.g. Principal Component or Factor analysis);

Anthropogenic versus geogenic sources of groundwater pollutants: monitoring heavy metals or trace elements presence using multi-temporal datasets, multi-level sampling techniques and spatial analyses in GIS environments.

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### Guest Editors

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### Deadline for manuscript submissions

closed (31 March 2018)



## Geosciences

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## About the Journal

### 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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### Editor-in-Chief

Prof. Dr. John C. Eichelberger

Alaska Center for Energy and Power, University of Alaska Fairbanks,  
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