

Special Issue

Assessment of Groundwater Quality and Monitoring of Flow and Pollution Transport

Message from the Guest Editors

We are happy to introduce this Special Issue which focuses on groundwater quality assessment and flow and pollution transport monitoring. New methodologies and novel approaches are welcomed to propose, along with real-world case studies to demonstrate advanced and efficient viewpoints in assessing groundwater quality, more so relate it to its origin. As groundwater quality is related to the hydrodynamic evolution of aquifer systems, flow and pollution transport monitoring techniques are of particular interest to the Special Issue, substantiating and assessing quality characteristics of groundwater and their evolution. Thematic fields may include but are not limited to: AI, geostatistics, protocols development, assessment methodologies, decision support systems, indicators, policy augmenting tools, thresholds' definition, alert setting, priority substances, emerging pollutants, salinization. Theoretical and laboratory work are equally accepted, along with successful field applications and showcased support to policy making and application, towards shaping reliable groundwater quality status assessments upon which safe and sound management plans are compiled.

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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

Dr. Jean-Luc PROBST

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