Special Issue

Using Natural Radionuclides as Aquatic Tracers in the Terrestrial and the Coastal/Marine Environment

Message from the Guest Editors

Investigations in hydrology and hydrogeology are often hampered by a lack of parameters that permit a direct observation of the processes of interest. Thus, tracers are applied as a powerful tool for indirect process monitoring allowing the subsequent assessment of process-related effects. Of particular interest in this regard are “Environmental Tracers”. The aim of this Water Special Issue is to present and discuss innovative approaches that apply naturally and ubiquitously occurring radioisotopes as environmental tracers in hydrology or hydrogeology. Studies on theoretical aspects relevant to the use of naturally occurring radioisotopes as tracers as well as studies focusing on their practical application in the terrestrial and the coastal/marine environment will be presented.

Keywords

- Using natural radioisotopes as environmental tracers
- Groundwater and surface water migration
- Surface water/groundwater interaction
- Dispersion of groundwater and surface water contamination
- Theoretical and practical application aspects
- Terrestrial and coastal/marine environment

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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

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