



water

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Soil and Water Quality: Transport through Soil

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submissions:

closed (30 September 2019)

Message from the Guest Editors

Soil regulates the fluxes and storage of water and nutrients and filters pollutants. This ecosystem function is crucial to maintain the quality of surface and ground waters. Thus, understanding the transport processes through soil is a requisite to plan land uses, protect water resources and design remediation strategies. The aim of this Special Issue is to encourage the submission of works focused on the description of the soil structure and its implications on water, solute and colloid transport. The following topics are welcome:

- Description of the soil structure and porosity
- Computed tomography and other visualization techniques
- Use of tracers in transport modelling
- Preferential flow
- Percolation in disordered porous media



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Special Issue



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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.

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