



water

an Open Access Journal by MDPI



## Water Transport Phenomena Linked to Soil Structure

Guest Editors:

**Dr. J. E. Lopez-Periago**

UVIGO · Faculty of Sciences,  
University of Vigo, Spain

**Dr. Diego Soto Gómez**

Department of Agricultural  
Engineering, Technical University  
of Cartagena, Paseo Alfonso XIII,  
48, 30203 Cartagena, Spain

Deadline for manuscript  
submissions:

**closed (31 August 2021)**

### Message from the Guest Editors

Dear Colleagues,

This Special Issue aims to disseminate the most recent progress on water transport phenomena in porous media, with special emphasis on the influence of the spatial organization of soil pore networks and their interfaces. We welcome submission of original works on innovative developments on water status and flow, including, among other topics:

- Complexity of structured pore networks related to water flow;
- Modeling water flow in structured porous media;
- Pore-scale flow and fluid phase displacement;
- Preferential flow phenomena;
- Advances in computed image analysis to study flow in porous media.

Dr. J. E. Lopez-Periago

Dr. Diego Soto Gómez

*Guest Editors*



[mdpi.com/si/43604](https://mdpi.com/si/43604)

# Special Issue



*water*



an Open Access Journal by MDPI

## Editor-in-Chief

### Dr. Jean-Luc PROBST

Laboratory of Functional Ecology  
and Environment, Centre  
National de la Recherche  
Scientifique (CNRS), University of  
Toulouse, Campus ENSAT,  
Auzeville Tolosane, France

## 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.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), Ei Compendex, GEOBASE, GeoRef, PubAg, AGRIS, CAPlus / SciFinder, Inspec, and other databases.

**Journal Rank:** JCR - Q2 (*Water Resources*) / CiteScore - Q1 (*Water Science and Technology*)

## Contact Us

---

Water Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/water](http://mdpi.com/journal/water)  
[water@mdpi.com](mailto:water@mdpi.com)  
[X@Water\\_MDPI](https://twitter.com/Water_MDPI)