



an Open Access Journal by MDPI

Coupled Flow and Reactive Transport Processes in Subsoil

Guest Editors:

Dr. Matteo Antelmi matteo.antelmi@polimi.it

Dr. Diego Di Curzio diego.dicurzio@unich.it

Dr. Pietro Mazzon pietro.mazzon@polimi.it

Dr. Emiel Kruisdijk e.kruisdijk@tudelft.nl

Deadline for manuscript submissions: **30 May 2023**



mdpi.com/si/151373

Message from the Guest Editors

Dear Colleagues,

The Special Issue entitled "Coupled Flow and Reactive Transport Processes in Subsoil" focuses on the use of analytical or numerical approaches concerning flow and reactive transport processes in aquifers.

Our goal is to gather manuscripts discussing these topics, including recent experimental, analytical, and numerical results related to the study of complexities in reproducing flow and reactive transport processes in variably saturated porous media across a wide range of spatial and temporal scales.

In particular, we warmly welcome contributions related to the following topics of interest:

Flow processes in porous media and fractured rocks.

Reactive transport processes in the vadose zone and saturated portions of aquifers.

Biogeochemistry and reactive transport.

Isotope fractionation models.

Coupled hydraulic, thermal, chemical, and biological processes.

Recent laboratory experiments on the main parameters affecting reactive transport processes in subsoil.

Specialsue

Dr. Matteo Antelmi Dr. Diego Di Curzio Dr. Pietro Mazzon Dr. Emiel Kruisdijk Guest Editors





an Open Access Journal by MDPI

Editor-in-Chief

Dr. Jean-Luc PROBST

ECOLAB, 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: <u>JCR</u> - Q2 (*Water Resources*) / <u>CiteScore</u> - Q1 (*Water Science and Technology*)

Contact Us

Water MDPI, St. Alban-Anlage 66 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/water water@mdpi.com ➔@Water_MDPI