Special Issue

Colloid and Pathogen Transport in Groundwater

Message from the Guest Editors

For the past three decades, suspended colloids (of which nanomaterials are a subset) and pathogens in subsurface environments have been linked to groundwater contamination. It is known that the persistence, dispersal, long-term transport, and the fate of colloids/pathogens are dependent on regional and local geology and hydrology, electrochemical properties of the colloid/pathogen and the soil, the chemistry of the groundwater, land use and management, and the distribution of potential sources of colloids/pathogens. All these factors considered together, in turn, make it exceptionally challenging to accurately predict colloid and pathogen transport in real groundwater systems. This Special Issue calls critical attention to studies that further our understanding of this multidimensional problem.

Guest Editors

Dr. Dengjun Wang

National Research Council Resident Research Associate at the United States Environmental Protection Agency

Dr. Verónica L. Morales

Dept. Civil and Environmental Engineering, University of California at Davis, USA

Dr. Lei Wu

Dept. Civil Engineering, Ohio University, USA

Deadline for manuscript submissions

closed (31 May 2020)

Water

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 6.0

mdpi.com/si/18824

Water
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
water@mdpi.com

mdpi.com/journal/water

Water

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 6.0

mdpi.com/journal/water

About the Journal

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
Centre de Recherche sur la Biodiversité l'Environnement (CRBE) UMR CNRS/UPS/INPT/IRD, Centre National de la Recherche Scientifique (CNRS), University of Toulouse, Campus ENSAT, Auzeville Tolosane, Toulouse, France

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 (Aquatic Science)

MDPI