

Special Issue

Flow, Heat and Biogeochemical Transport in Coupled Surface Water-Vadose Zone-Groundwater System

Message from the Guest Editors

The objective of this Special Issue was to state the recent advances in this interdisciplinary area. The topics may include, but are not limited to, integrated hydrologic modeling, multiphase flow and transport across unsaturated zones and saturated zones, heat transport and energy redistribution under hydrologic events, biogeochemical transport from shallow soil to deep groundwater. Both modeling and field work are of great value to deepen our understanding of the coupled system. We encourage researchers with different backgrounds (e.g., hydrologists, ecologists, geochemists) to contribute original data, innovative field monitoring technology and advanced modeling methods to this Special Issue. Review articles focused on one or more related topics are also highly encouraged.

Guest Editors

Prof. Dr. Hongbin Zhan

Dr. Kewei Chen

Dr. Yang Xian

Dr. Chong Ma

Deadline for manuscript submissions

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

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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

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

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