Special Issue

Hydrological and Chemical Controls on Nutrient and Contaminant Loss to Water in Agricultural Landscapes

Message from the Guest Editors

For a sustainable environment and food production, under the increasing pressures of a growing population and changing climate, we need efficient ways to manage nutrients and other contaminants and mitigate their losses to water in agricultural landscapes. To meet this challenge, we need a comprehensive understanding of how hydrological and chemical controls influence the contaminants along the transfer continuum, both over time and space, and in different catchment typologies, while also considering the role of climatic drivers and catchment residence time. This Special Issue welcomes contributions from observational and modelling studies that advance this knowledge and help reshape the thinking of future river catchment management.

Guest Editors

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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

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