Special Issue

Stable Isotope in Soil, Plant and Water: Ecohydrological Process from Ecosystem to Watershed

Message from the Guest Editors

Stable water and other related (carbon, oxygen, etc.) offer unique insight into a wide variety of ecohydrological processes of soil–plant–atmosphere continuum as well as bedrock from ecosystem to watershed. Soil water plays an important link in the hydrological cycle, including input fluxes of precipitation, and output fluxes of evaporation, transpiration, and runoff. Soil water isotopes reflect the long-term integrated results of rain infiltration, plants transpiration through water uptake, and soil evaporation, etc. If groundwater recharge, dew formation, or hydraulic redistribution occur, the isotopic composition of soil water and soil residual water storage also can be changed. This Special Issue invites the submission of original research papers or review papers covering the latest findings and progresses on stable water and other related isotopes for ecohydrological processes of soil–plant-atmosphere continuum as well as bedrock from ecosystem to watershed.

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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

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