Special Issue

Soil–Plant–Water Dynamics on a Field Scale

Message from the Guest Editor

The scale of interest for this Special Issue is the field or micro catchment scales, where operational conditions and relative relevance of the compartments may scale-specific. Research on the following topics (but not limited to them) is promoted: (i) optimization of soil–plant–water conservation and functioning; (ii) development of new or more up-to-date data collection strategies and model based now- and forecasting of the system; (iii) coupled monitoring of the soil–vegetation–atmosphere system; (iv) development and transfer of eco-hydropedological knowledge to system´s monitoring; (v) advances in the quantification and modeling of fluxes between compartments of the system; (vi) scaling (down/upscaling) of components; (vii) evaluation of strategies conducted to optimize soil and plants functioning; and (viii) effects of using alternative water sources on soil–water–plant relationship.

Guest Editor

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Deadline for manuscript submissions

closed (28 February 2022)

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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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