Special Issue

Soil Hydrology for a Sustainable Land Management: Theory and Practice

Message from the Guest Editors

Soil hydrology determines the flow of water in the Earth's system. Soil acts as an interface within the atmosphere and lithosphere, and regulates the runoff discharge, aquifer recharge and soil water content. Soil hydrology also affects the life, plant growth and soil fauna. This is why soil hydrology is a key component to achieving sustainable management. Land use changes and land management alters the soil hydrology. There is a need to develop new methods to assess those changes from a soil hydrology perspective. This Special Issue is open to advanced research on soil infiltration, soil water content, runoff discharge at different scales (from the pedon to the basin scale), plant–soil and fauna–soil relationships, and soil erosion. We wish to compile research works that will show the state-of-the-art, but also recent and advanced achievements. Theoretical, methodological and study case papers are welcome.

Guest Editors

Prof. Dr. Artemi Cerdà

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Dr. Mirko Castellini

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Deadline for manuscript submissions

closed (30 April 2019)

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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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