Special Issue

Soil Sciences and Water Table

Message from the Guest Editor

The phreatic groundwater table, often referred to as the water table, is the surface between the vadose or unsaturated zone of the soil and the completely saturated subsoil below. In regions with shallow water tables, say, between 0 and 2 m below the ground surface, water table depth is an important condition for groundwater-dependent ecosystems, agricultural land use, building construction, and infrastructure. It is estimated that in 7% to 17% of the global land area vegetation development and crop growth depends on shallow groundwater (Fan et al., 2013). For these areas, reliable information on both water table depths and related soil conditions in the vadose zone is important for land use planning, environmental protection policy, nature conservation, agricultural end ecological water management, etcetera. This Special Issue is dedicated to research on water table depths in a broad spectrum and welcomes contributions on measuring and monitoring aspects, spatial, temporal, and spatiotemporal modeling, modeling of water-soil-plant relationships in areas with groundwater at shallow depths, research related to desiccation in groundwater-dependent ecosystems, etcetera.

Guest Editor

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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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