Special Issue

Soil and Groundwater Quality and Resources Assessment, 2nd Edition

Message from the Guest Editors

Human activities, particularly in regions experiencing the development of industry and agriculture and the exploitation of mineral resources, pose increasing threats to terrestrial ecosystems and groundwater environments. This situation is critical in areas facing water scarcity, where groundwater serves as the primary source of drinking water. Such concerns center around the type, distribution, source, migration, transformation, and ecological health risks associated with various contaminants in soil–groundwater ecosystems. Notably, the threat extends to both traditional and emerging inorganic and organic pollutants, which find their way into human bodies via bioaccumulation, food chains, and drinking water, thus leading to health risks. Given the pivotal role that soil and groundwater play in supporting agriculture, maintaining natural landscapes, extracting geothermal resources, and providing potable water, it is imperative that we deepen our understanding of these resources. Keywords: multiple contaminants; source apportionment; migration–transformation; ecological health risks; soil–groundwater system

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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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