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Soil and Groundwater Quality and Resources Assessment

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Message from the Guest Editors

Dear Colleagues,

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. Such concerns center around the type, distribution, source, migration, transformation, and ecological health risks associated with various contaminants in soil–groundwater ecosystems. The concentrations of contaminants in these ecosystems are complex due to long-term water–rock interactions, diverse groundwater recharge patterns, hydrologic-biogeochemical processes, and intensive human exploitation. 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 such as chemical toxicity, radiation exposure, and carcinogenic effects.[...]

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Special Issue



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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.

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