

Special Issue

Groundwater, Soil and Sustainability

Message from the Guest Editors

Groundwater is water found in aquifers, which are geologic formations consisting of soil, sand, and rocks. Groundwater is one of the most important natural resources for drinking water and irrigation all over the globe, and thus, its quality and quantity are of vital importance. Sustainable management of groundwater should ensure a long-term water supply avoiding aquifer depletion and deterioration of water quality. Human interventions in the hydrological cycle may have profound effects on groundwater quantity and quality. The research areas may include groundwater and soil sustainability, management, climate change, flow models and deep learning, potential contamination, remediation techniques, legislation, and social economics. Research areas may include (but not be limited to) the following:

- Climate change and groundwater management;
- Sustainability of groundwater and soil;
- The impact of land use changes on groundwater quality;
- Long-term monitoring of groundwater;
- Legislation and social economics of groundwater;
- Modelling of groundwater systems and deep learning;
- Groundwater vulnerability and remediation techniques;
- Nitrate contamination in groundwater.

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I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

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