

Special Issue

Role of Water Resources and Soil Protection for Sustainable Development

Message from the Guest Editors

Water is an irreplaceable and non-replicable commodity of life. Therefore, the protection and safeguarding of groundwater resources and the quality of surface water are both current and future priorities. Due to the strong pressure to use both water and land resources, it is becoming increasingly important to implement approaches of integrated resource management to ensure sustainable use. Various topics play a fundamental role in water and soil protection, such as substance inputs, erosion, soil compaction and land use. In the field of soil protection, precautionary measures play a role in reducing the impact of pollutants and fertilizers on the soil and its leaching, so that their presence in groundwater is kept to a minimum. The Special Issue aims to present integrated research on water and soil protection to promote integrated approaches to water and land management in order to make preventive water and soil protection feasible. Thus, forecasting and management tools such as the water–soil–waste nexus, as well as other management methods are to be examined with regard to their future viability and sustainability potential.

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