



Challenges and Solutions in Soil and Water Conservation

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Deadline for manuscript
submissions:

closed (20 July 2022)

Message from the Guest Editors

Soil erosion is among the major soil threats identified in the Status of the World's Soil Resources report. Its consequences do not only affect agriculture but also environment and health. Therefore, the implementation of successful soil and water conservation measures is a key point for ensuring a sustainable and food-secure world.

This Special Issue aims to cover any topic related to the design, implementation, and effects of traditional or innovative soil and water conservation measures in water-erosion-susceptible areas, such as road slopes, low-permeability soils, or agricultural zones. Besides this, this Special Issue intends to gather multidisciplinary approaches covering well-documented techniques, experiments, or modeling approaches to quantify or validate the effectiveness of the developed measures.

Keywords:

- conservation measures
- water erosion
- soil degradation
- soil erosion modelling
- hydrological modelling
- experimental hydrology
- agriculture, water and sediment connectivity





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Message from the Editor-in-Chief

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