Special Issue

Soil Erosion Measurement Techniques and Field Experiments

Message from the Guest Editors

soil erosion is a process in which soil particles are first detached from the soil surface and then transported by erosive agents as rainfall, overland flow and channelized flows in rills, ephemeral gullies and gullies. Accelerated soil erosion affects both natural and anthropogenic environments and it is responsible of land productivity decrease due to removal of soil organic matter and plant nutrients. The negative effects of soil erosion include in-site effects such as degradation of soil structure, loss of organic matter and nutrient content, reduction of cultivable soil layer. Erosion also determines off-site damages due to soil particles entering the water system such as sedimentation into channels, loss of reservoir storage, eutrophication of waterways and contamination due to fertilizer and chemical pesticides.[...]
For further reading, please follow the link to the Special Issue Website at:
https://www.mdpi.com/journal/water/special_issues/soil_erosion_field_experiments

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Deadline for manuscript submissions

closed (30 June 2023)

Water

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 6.0

mdpi.com/si/86823

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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.

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