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Soil Erosion Measurement Techniques and Field Experiments

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Deadline for manuscript submissions:
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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.[…]

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Message from the Editor-in-Chief

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