

*Causes and Effect of Soil Erosion and its Preventive Measures In:Advanced Agriculture* by S. Maitra and B. Pramanick (Editors) © New Delhi Publishers, New Delhi: 2020, 376-387. ISBN: 978-93-88879-99-6. DOI: 10.30954/NDP-advagr.2020.19

# Causes and Effect of Soil Erosion and its Preventive Measures

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**Abstract:** Soil formation and soil erosion are two natural but important processes. Numerous regular, undisturbed soils have a pace of development that is adjusted by a pace of disintegration. Under these conditions, the soil seems to stay in a steady state as the scene advances. By and large, the paces of soil disintegration are low except if the soil surface is presented straightforwardly to the wind and water. It is a worldwide common problem which additionally prompts ecological harm through sedimentation, contamination and expanded flooding. The expenses related with the development and statements of landscape in the scene as often as possible out-gauge those emerging from the erosion loss of soil in dissolving fields. By and large, the paces of soil disintegration are low except if the soil surface is presented straightforwardly to the wind and water. The disintegration issue emerges when the characteristic vegetative spread is expelled and rate of soil erosion are incredibly quickened. At that point, the rate of soil erosion extraordinarily surpasses the pace of soil arrangement and there is a requirement for erosion control practices that will lessen the disintegration rate and keep up soil efficiency. Erosion is a three-step process: detachment followed by transport and deposition. The energy for erosion is derived from falling rain and the subsequent movement of runoff water or the wind. In this part we will concentrate on basic erosion forms, demonstrating of these procedures, model applications, and erosion control. Wind erosion will be examined first, trailed by water erosion.

**Keywords:** Soil erosion, conservation, erosion control

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