

SOIL RESTORATION METHODS

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Soil restoration is a method of enhancing compacted soils to improve its nutrition and porosity. A degenerated soil basically loses its ability to provide food and occupancy to living organisms and its surrounding. By the help of restoring soil the infiltration capacity of soil which basically recharges the water level and increase the water availability. Soil erosion and landslides can be prevented by increasing the moisture content as increased moisture content helps the vegetation to grow well.

Soil restoration includes:-

1. Mechanical loosening
2. Biological and mechanical inflation
3. Dense vegetation plantation
4. Soil amendments



Soil restoration can be done in the following ways:-

1. Evaluation of the condition of soil and improving it using technical support
2. Planting pioneer species in order to increase the stability and organic matter content of the soil.
3. Planting live stakes of native arboreal species to prevent soil erosion.
4. Reforestation with native species from local nurseries or transplanted seedlings.
5. Doing correspondent actions for water and soil preservation.
6. Performing maintenance work properly.
7. Assessing the restoration programme and taking the follow-up actions.