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**SOIL  
POLLUTION**

# Introduction



- Along with air and water pollution, soil pollution is an equally serious issue that the modern-day world is confronted with.
- Soil pollution mainly is a result of penetration of harmful pesticides and insecticides. Even if they are not to be blamed alone for soil pollution because there are many other leading causes that provoke soil pollution.

# Causes

- Soil pollution is a result of many activities and experiments done by mankind which end up contaminating the soil.
- Industrial wastes.
- Agricultural pesticides, fertilizers and insecticides.
- Ignorance towards soil management and related systems.
- Acid rains, when fumes released from industries get mixed with rains.
- Fuel leakages from automobiles, that get washed away due to rain and seep into the nearby soil.



# Soil pollution effects

- Decrease in soil fertility and therefore decrease in the soil yield.
- Loss of soil and natural nutrients present in it. Plants also would not thrive in such soil, which would further result in soil.
- Disturbance in the balance of flora and fauna residing in the soil.
- Creation of toxic dust is another potential effect of soil pollution.
- Foul smell due to industrial chemicals and gases might result in headaches, fatigue, nausea, etc., in many people.
- Soil pollutants would bring in alteration in the soil structure , which would lead to death of many essential organisms in it. This would also affect the larger predators and compel them to move to other places , once they lose their food supply.



