

A lush green forest with moss-covered trees and a path, with the text "ENVIRONMENTAL POLLUTION" overlaid in a crumpled paper font.

ENVIRONMENTAL  
POLLUTION





# Environmental Pollution

## Definition Of Environmental Pollution:

Environmental pollution is the contamination of the physical and biological components of the earth/atmosphere system to such an extent that normal environmental processes are adversely affected.



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# ENVIRONMENTAL POLLUTION

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- ❑ Environmental Pollution can be defined as any undesirable change in **physical, chemical, or biological** characteristics of any component of the environment i.e. air, water, soil which can cause harmful effects on various forms of life or property.
- ❑ **Pollution:** The term pollution can be defined as influence of any substance causing **nuisance, harmful effects, and uneasiness** to the organisms
- ❑ **Pollutant:-** Any substance causing **Nuisance or harmful effects or uneasiness** to the organisms, then that particular substance may be called as the pollutant.



# DIFFERENCE BETWEEN GLOBAL WARMING AND THE GREENHOUSE EFFECT

- ❖ **Global warming** refers to a rise in the temperature of the surface of the earth.
- ❖ The **Greenhouse Effect** is a process by which thermal radiation from a planetary surface is absorbed by atmospheric greenhouse gases, and is re-radiated in all directions.

# Types Of Environmental Pollution

There are three major types of environmental pollution:

- Air pollution
- Water pollution
- Soil pollution (contamination)



# Causes of Air Pollution

## Major sources of Air Pollution

- Industries
- Automobiles and Domestic fuels
- High Proportion of undesirable gases, such as sulphur dioxide and carbon monoxide





# Effects of Air Pollution

Air Pollution affects???

- Human health
- Animals
- Plants
- The atmosphere as a whole





Other pollution are-

factories, refineries, waste  
that emit fluids of varying  
urban water supplies.

Oil Spill

the baths in the river, they wash  
sins there because of which

the river water gets polluted.

4. In holy rivers like Ganga people have baths. They  
also immerse the dead  
of which the water gets

5. In cities the people throw  
wastes in the water be

Deep Water Harbors. This is the reason  
water is  
very polluted.





# WATER POLLUTION

**Water pollution** is the contamination of water bodies (e.g. lakes, rivers, oceans, aquifers and groundwater). Water pollution occurs when pollutants are discharged directly or indirectly into water bodies without adequate treatment to remove harmful compounds.





# EFFLUENTS FROM FACTORIES







or built environment .



mobile exhaust, burning of  
es

# SOIL POLLUTION

**Soil contamination** or **soil pollution** is caused by the presence of xenobiotic (human-made) chemicals or other alteration in the natural soil environment. It is typically caused by industrial activity, agricultural chemicals, or improper disposal of waste. The most common chemicals involved are petroleum hydrocarbons, polynuclear aromatic hydrocarbons (such as naphthalene and benzo(a)pyrene), solvents, pesticides, lead, and other heavy metals. Contamination is correlated with the degree of industrialization and intensity of chemical usage.







PESTICIDES and FERTILIZERS





LEACHING FROM LANDFILLS

LEACHATE IS THE LIQUID USED TO DUMP WASTE ALL THEIR WASTE!







← Mining coal pollutes the environment

Coal Ash pollutes the forests



# What is Atmosphere

- Atmosphere is the life blanket of Earth.
- It is therefore essential that we know more about the atmosphere and the ways in which it is Polluted.





THANK YOU

