

Environmental Pollution, Cause and Prevention

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WHAT IS POLLUTION

- **When harmful substances contaminate the environment, that is called pollution.**
- **Pollution refers to the very bad condition of environment in terms of quantity and quality.**

TYPES OF POLLUTION

The Major types of Pollution include

1. Air pollution
2. Water pollution
3. Land pollution
4. Sound pollution

Air pollution

Air pollution is defined as any contamination of the atmosphere that disturbs the natural composition and chemistry of the air.

Sources of Air pollution

- ▶ 1. Pollutants from natural sources Volcanic eruption, dust, smoke, carbon dioxide ,soil erosion and many other sources
- ▶ 2. Man-made sources Gases from kitchen, domestic garbages, coil and Gases from kitchen, domestic garbages, coil and feel engines, solid matter from industries, radioactive substances from nuclear plants etc.

EFFECT OF AIR POLLUTION

- Air pollution caused depletion of the protective ozone layer
- It may cause respiratory problems, asthma, lungs and heart disease.

PREVENTION

- Walk more or cycle more
- Use of boogies and bio gas
- Govt. Should take legislation.

WATER POLLUTION

Water pollution involves any contaminated water, whether from chemical, particulate or bacterial matter that degrades the waters quality and quantity.

SOURCES OF WATER POLLUTION

- Increased sediment from soil erosion
- Improper waste disposal
- Sewage and water in cities
- Industrial effluents and waste products
- Agricultural discharge, chemical fertilizer used
- Thermal power plants and nuclear plants waste

EFFECTS OF WATER POLLUTION

- Drinking of contaminated water caused diseases. Such as jaundice, cholera or typhoid
- Populated water affects the flora and fauna of the sea organism

PREVENTION OF WATER POLLUTION

- To generate consciousness among the masses about the effect of the same.
- Enforce laws to prevent disposal of harmful wastes into the water.

LAND POLLUTION

Land pollution is contamination of the soil that prevents natural growth and balance in the land whether it is used for cultivation

SOURCES OF SOIL POLLUTION

- Hazardous waste and sewage spills
- Non sustainable farming practices
- Strip mining and deforestation
- House hold dumping and littering

AFFECT OF LAND POLLUTION

- The agricultural capability of soil gets affected
Prevention of land pollution
- Focus should be made on buying bio-degradable product
- Reducing the use of pesticide and insecticide
- Recycling the inorganic materials
- Waste products are far away from residential places and agricultural land.

SOUND POLLUTION

Sound pollution refers to undesirable levels of noises caused by human activity that disrupt the standard of the living beings in the affected area.

SOURCES OF SOUND POLLUTION

- **Traffic**
- **Airport**
- **Manufacturing plants**
- **Construction**
- **High volume music**

AFFECT OF SOUND POLLUTION

- Affects physical and psychological health of an individual
- Cause deafness and impaired hearing
- Cause annoyance which might result in blood pressure variations

PREVENTION OF SOUND POLLUTION

**Legislation is the most
effective way to reduce
Sound Pollution .**

CONCLUSION

In conclusion, it would be safe to say that pollution is very important to be controlled if life is intended to be sustained on the planet. It may be in different forms but if the masses can be properly informed and educated along with strict legislations, pollution can be controlled.



THANK YOU