



CHAPTER-18

POLLUTION OF AIR AND WATER

DEFINITION OF POLLUTION

- When Harmful Substances Contaminate the Environment it is Called Pollution.
- Pollution refers to the very bad condition of environment in terms of quantity and quality .

TYPES OF POLLUTION

There are Five types of Pollution

- Air Pollution
- Water Pollution
- Noise Pollution
- Land Pollution

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.

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



HOW TO AVOID AIR POLLUTION

Yes, we can avoid pollution As Follows

Use natural Gases, like lpg autos

Do not Burst Crackers

Use less Amount of Fuel for Vehicles

**Avoid using and use electric stoves
(bio gas)**

DEFINITION OF WATER POLLUTION

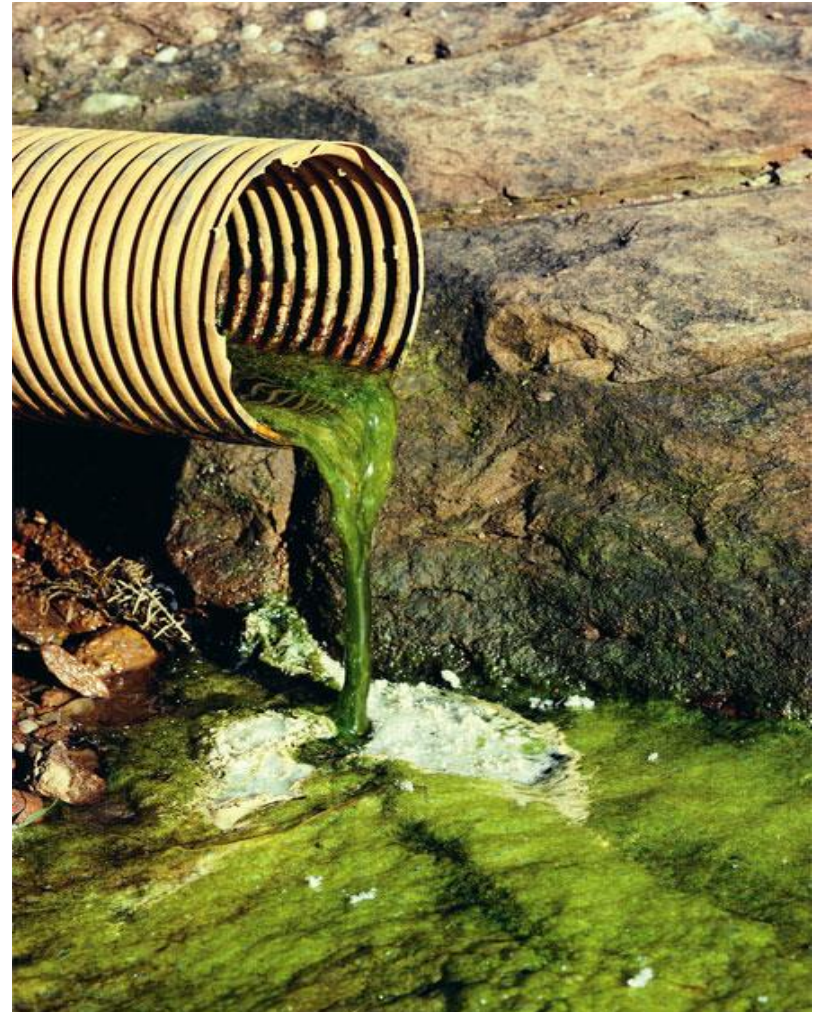


The Contamination of water with undesirable substances which make it unfit for usage is termed water Pollution.

CAUSES OF WATER POLLUTION

- About 40% of Deaths worldwide are caused by Water Pollution.
- Water Pollution is Caused by organic and inorganic industrial wastes and effluents discharged into rivers.
- Noise also causes anxiety stress recreation and fright.

WATER POLLUTION PICTURES



EFFECTS OF WATER POLLUTION

- ❑ Diseases like Cholera
- ❑ Malaria
- ❑ Typhoid (spread during the rainy season)
- ❑ Aquatic life gets destroyed

HOW TO AVOID WATER POLLUTION

- ❑ Rivers should not be used for washing clothes or bathing animals in.
- ❑ Harvesting of Rainwater to meet water requirements.
- ❑ Dams & embankments must be created.
- ❑ The rivers must not be contaminated.
- ❑ In sacred river like Ganga the dead bodies shouldn't thrown.