

POLLUTION

# OVERVIEW

## ❖ Definition of Pollution

## ❖ Types of Pollution

### ❖ Air Pollution:

a. Introduction

b. Causes

c. Effects

d. Prevention

### ❖ Water Pollution

a. Introduction

b. Causes

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a. Introduction

b. Causes

c. Effects

d. Prevention

# OVER VIEW

**To be continue 2<sup>nd</sup> Slide**

- **Land Pollution**  
Introduction  
Causes  
Effects  
Prevention
- **Radio Active Pollution**  
Introduction  
Causes  
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# 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
- Radio Active Pollution

# What is Atmosphere

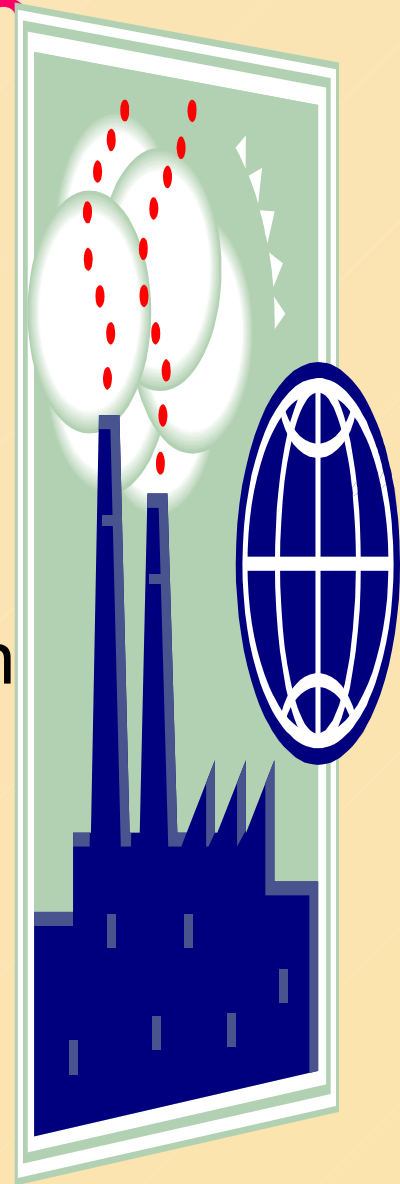
- Atmosphere is the life blanket of Earth.
- It is therefore essential that we know more about the atmosphere and the ways in which it is Polluted.



# 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)**

# Water God's Valuable Gift



# 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 reaction 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.

# NOISELESS ATMOSPHERE

- Noise can be simply defined as unwanted sound.
- The sound is pleasant or not depends upon its loudness, duration, rhythm and the mood of the person.
- Noise pollution not only results in irritation and anger.



# Causes of Noise Pollution

- Traffic Noise
- Air craft Noise
- Noise from construction and civil engineering works.
- Noise from the Industries.
- Noise from other sources.

# See what is this?

- **Picture shows : Noise Pollution**



# Effects of Noise Pollution

- Hearing Loss
- High Blood Pressure
- Stress
- Sleep Disturbance
- Color Blindness

# How to Avoid Noise Pollution

- The Government should ensure the new machines that Should be noise proof.
- Air ports must be away from residential area.
- The Sound horn symbol is to be in School Roads.

# Prevention of Noise Pollution

- Pleasant Home
- Bhagavan Baba says “Silent is God”.
- We need to talk sweetly to others.
- Talk Less Work More.
- Sound affects our ears so loud noise should be avoided.

# Definition of Land Pollution

- One fourth of area is covered by land is Called Land.
- Land is a earth which is occupied by people for shelter, occupation etc.,

# Causes of Land Pollution

We can classify major sources that lead to land following Categories

- Mining and quarrying
- Sewage waste
- Household Garbage
- Industrial Waste

# Land pollution pictures



**Plastic**



**Chemical**



**Trash**



**Fertilization**



# Effects of Land Pollution

- The Land Cannot be construct house
- Man cannot be farming
- Ground water will gets Affected
- House hold Garbage like putting Plastics

# Prevention of Land Pollution

- More and more land should be brought under farming
- Trees should be planted everywhere.
- Waste matter should be disposed immediately
- Avoid drilling the Land for more underground water.
- Avoid using more fertilizers and Pesticides.

# Definition of Radio Active Pollution

- Despite the Advantage of nuclear as a clean energy, the big concern is the resulted from nuclear reaction, which is a form of pollution called Radio activity.
- Radiation (Laser-Rays) will from Radio Active Pollution.



# Causes of Radio Active Pollution

- Nuclear power plants(Ex:Neyveli,Kalpakkam)
- Nuclear Weapon(Ex:Missiles)
- Disposal of Nuclear Waste
- Uranium Mining

# Effects of Radio Active Pollution

- The Diseases include blood in cough
- Ulcer
- Swelling of bone joints
- Cancer
- Lung Cancer
- Skin Cancer
- Bone Cancer
- Eye Problems

# How to Prevent of Radio Active Pollution

- Avoid Constructing Nuclear Power Plants
- Avoid Using Nuclear Weapon
- Have Proper Treatment for Nuclear Waste
- Avoid mining for Uranium to a minimal

# References

- Science books
- [www.google.com](http://www.google.com)
- <http://en.wikipedia.org/wiki/AirPollution>
- Free foto.com

THANK YOU

