



What is Pollution



- Pollution, also called environmental pollution, the addition of any substance (solid, liquid, or gas) or any form of energy (such as heat, sound, or radioactivity) to the environment at a rate faster than it can be dispersed, diluted, decomposed, recycled, or stored in some harmless form.
- The major kinds of pollution, usually classified by environment, are air pollution, water pollution, and land pollution.
- Modern society is also concerned about specific types of pollutants, such as noise pollution, light pollution, and plastic pollution.
- Pollution of all kinds can have negative effects on the environment and wildlife and often impacts human health and well-being.

Importance of the natural environment



Natural environment is of crucial importance for social and economic life. We use the living world as

- ☐ a resource for food supply
- ☐ an energy source
- ☐ a source for recreation
- ☐ a major source of medicines
- ☐ natural resources for industrial products



In this respect the diversity of nature not only offers man a vast power of choice for his current needs and desires. It also enhances the role of nature as a source of solutions for the future needs and challenges of mankind.

Environmental Pollution

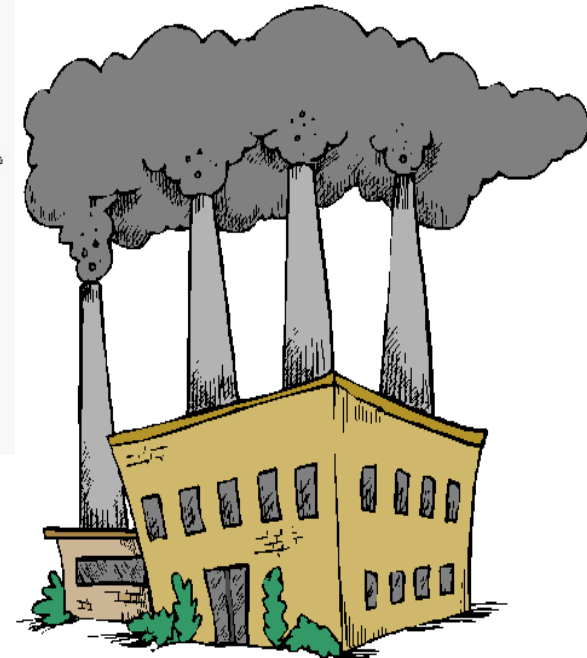
Any undesirable change in physical , chemical or biological characteristics of air , land , water or soil, that is likely to have an adverse effect on the natural environment or life, is termed as environment pollution. The three major types of pollutions are:

- ☐ Air Pollution
- ☐ Water Pollution
- ☐ Land (soil) Pollution



Air Pollution

Air pollution is actually harmful substances in the atmosphere, which damages the environment. With the development of industries, came along the increase in **air pollution**.



Impact

of Air Pollution on Human Health

Polluted air contains one, or more, hazardous substance, pollutant, or contaminant that creates a hazard to general health. It is usually measured in terms of "particulate matter", or, the number of particles of these potentially hazardous substances as a percentage of air. Air pollution in cities causes a shorter lifespan for city dwellers.



The key Health Problems caused by Air Pollution



Asthma



Cancer



Respiratory problems



Birth defects



Intellectual disorders



Tuberculosis

Water Pollution

Water pollution is the contamination of water bodies (e.g. lakes, rivers, oceans, groundwater).

Water pollution occurs when pollutants are discharged directly or indirectly into water bodies without adequate treatment to remove harmful compounds.



Impact

of Water Pollution

Infectious diseases such as typhoid and cholera can be contracted from drinking contaminated water. This is called microbial water pollution. The human heart and kidney hearts can be adversely affected if polluted water is consumed regularly. Other health problems associated with polluted water are poor blood circulation, skin lesions, vomiting, and damage to the nervous system. In fact, the effects of water pollution are said to be the leading cause of death for humans across the globe.



The key Health Problems Caused by Water Pollution



Diarrhea



Vomiting



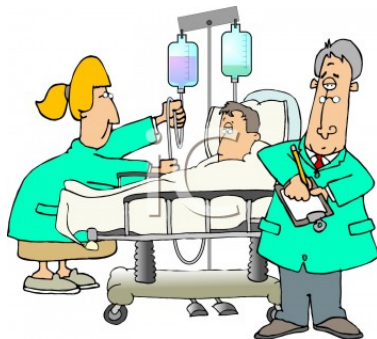
Typhoid



Diphtheria



Hepatitis



Kidney Damage



Nerve Disorders



Skin
Lesions

Land Pollution is the degradation of Earth's land surfaces often caused by human activities and their misuse of land resources. It occurs when waste is not disposed properly. Health hazard disposal of urban and industrial wastes, exploitation of minerals, and improper use of soil by inadequate agricultural practices are a few factors.



Impact of Land Pollution



Over a long period of time, landfills start to emit landfill gases. Landfill gas is produced due to the anaerobic conditions that organic wastes decomposed in.

Most waste buried in landfills give rise to hazardous and toxic liquids known as leachates. These leachates contaminate water sources, like the ground water below the landfills, leading to water pollution.

Besides the points mentioned above, it is also important to note that these over-crowded dumps, contaminated sites and careless disposal of waste also contributes to air and water pollution, as well as, acid rain.

The key Health Problems Caused by Land Pollution

Since direct impacts of land pollution are air pollution and water pollution, the key health problems caused by land pollution are same as those of air pollution and water pollution and the additions are increased human injuries, from syringes, broken glass and cans washing onto river banks and beaches.



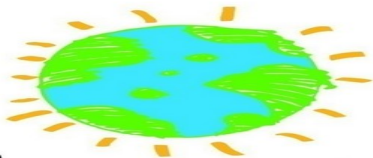


My promise to
the environment

*Thank
You*

**for giving
your valuable
time for
viewing this
presentation**

Clean up



the world