

Environmental Pollution: Causes, Types and its Remedies

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Abstract:- Pollution is the contamination of the environment with the introduction of contaminated substances which can harm the environment and harm humans or other living species. It is in addition to a rate of rapid rate in the form of any substance or energy in the other form, the environment can adjust it by dispersion, breakage, recycling or storage in some harmless form. Environment pollution is one of the biggest challenges facing the world today. It started since the Industrial Revolution, increased day by day and irreparable damage to Earth Mother. Environmental pollution has its causes, effects and solutions. Looking into these will help you identify those causes and what steps you can take to reduce those effects. There are roughly six basic types of pollution in the environment pollution, i.e. air, water, land, soil, noise and light.

Environmental pollution is a widespread problem and it is likely to affect the health of the human population. This letter provides insights into the environmental pollution and the perspective of problems, animals and trees / plants, air pollution on humans, water and soil / soil waste pollution. Studies have found that such pollution is not only affected by diseases and problems but also by humans and animals / trees / plants. According to the author, there is still time left in the hands of global institutions, governments and local bodies to utilize advance resources to balance the environment for the environment and take initiatives to keep the breathing intellectuals environment friendly. . As an effective answer to contamination, there is a great deal of human assessment of the problem from every age group and contamination control program develops as a nationwide fixed cost-sharing effort, dependent on voluntary participation. Humans are inanimate because of environment, water, land, various elements of the environment and all-round loss of ecosystem. There is so much man-made pollution and environmental degradation that future nightmares are enough to shake us all. There are some trends in taking a general view of the general scenario. Our environment is heavily polluted at

the global and regional level. The protective ozone shield is rapidly diluted with twice the latitudes of the northern hemisphere, as scientists have thought long time ago. With the creation of greenhouse gases, due to global warming, significant changes will be made in the near future. The catastrophic consequences of the destruction of the ozone layer and heat of the surface of the earth are revealed, such as the outbreak of cancer and tropical diseases, the disintegration of the ocean's food chain, rising sea level, submerged many islands, on small land Based on thawing of glaciers, flooding in many lower areas and crop damage etc.

Keywords: Environment Pollution; Remedies and Types

Introduction:-Today, worldwide pollution is happening on a huge and unprecedented scale. Trend Point in two ominous directions: First, mainly on the large and growing release of some chemicals from fossil fuels, which are now significantly turning natural systems globally; And secondly, toward the continuous increase in the use and release of numerous bioasside products and toxic substances. From these "sewage and soot" concerns of pre-World War II, these changes create serious concerns for both industrial and developmental challenges, which partially address modern pollution control laws. To face the challenges of serious pollution ahead of decades, many large-scale social and technological changes need to be made. Today's pollution is related to economic production, modern technology, lifestyle, size of human and animal population, and other factors. It is unlikely to yield except the extensive macro infection, which has many social benefits. Environmental pollution occurs when pollutants contaminate the natural environment. Pollution corrupts the balance of our ecosystem, affects our normal lifestyle and gives rise to human diseases and global warming. Due to the development and modernization of our lives, pollution has reached its peak. With the development of science and technology, there has been a huge increase in human capacity. People have become prisoners of their own creations. We ruin the boundaries of our nature without thinking, because our actions cause serious problems. We must deepen our knowledge of the laws of nature and we must broaden our understanding of the rules of human behavior to deal with the problems of pollution. Therefore, knowing different types of pollution, their effects and causes, humanity and the environment in which we live is very important.

Causes of Environmental Pollution:

1. Pollution from cars, trucks and other vehicles is a major issue of our environmental pollution for nearly a century. The problem is that we did not realize this until the problem appeared in the monumental proportion. Vehicles that burn fossil fuels in fuel form fuel as well as burning fossil fuels in the production of smog, contribute heavily to the fossil fuel emissions. Smog is the result of combustion of fossil fuels combined with sunlight and heat. The result is a poisonous gas that now surrounds our ancient planet. This is known as "ozone smog" and it means that we have more problems than living in the sky.
2. Carbon dioxide that burns fossil fuels in the production of smog as well as emissions of fossil fuels from coal burning power plants in the form of fuel is another product of uncontrolled power plants and other industrial facilities, along with all the planet's vehicles. . The increasing population of humans and the clear harvesting of forests have increased this problem, so natural rescue is no longer present and carbon dioxide levels are rising.
3. Water pollution burning a fossil fuel in the production of smog as well as emissions of fossil fuels from coal burning power plants in the form of fuel is a major issue. Many industries shed waste to rivers, lakes, ponds, and in an effort to hide the waste from the EPA inspectors. These water sources feed the major crops and the food becomes contaminated by various types of chemicals and bacteria, causing health problem
4. Radiation also comes in the game. This is a highly dirty pollution issue and requires a broader description. Mainly, there is radiation from the Sun. As the natural ozone layer around the earth has become impaired. The Sun is amazing, but the only reason we are so close to the Sun on this planet is due to the fact of natural preservation against solar radiation. As the protective ozone layer has become thin around the planet, ultraviolet radiation has increased significantly, causing skin cancer and other types of cancers in every country, causing millions of people to die each year.

5. More radiation is a problem. The sun shining on a naked planet is not the only source of radiation that we are exposed to. Electromagnetic radiation is another deceptive criminal. Once, the main concern around this type of radiation was due to high tension wires which took huge amounts of electricity in the cities. Now, we also carry these radiation sources as cell phones, laptops, tablets and other wireless devices.

Types of Pollution:-The various types of environmental pollution includes air pollution, water pollution, soil pollution, radioactive pollution, noise pollution, light pollution, oil pollution, marine pollution, plastic pollution, etc. They are each discussed below:

Air pollution:- Air Pollution means that the presence of pollutants in the atmosphere is such a concentration that hurts humans, animals and plants. Air pollution is one of the most dangerous forms of pollution. A biological, chemical and physical change of air occurs when smoke, dust, and any harmful gases enter the atmosphere and make it separate for all living beings because air becomes contaminated. Air pollution is caused by burning of fossil fuels, activities related to agriculture, mining operations, industries and factories, and domestic cleaning products. People leave chemicals in heavy quantities every day in the air. The effects of air pollution are worrying. This causes global warming, acid rain, respiratory and cardiovascular problems and eutrophication. To survive, many wildlife species are forced to change their habitat. Air pollution is the result of industrial and fixed domestic activity. Increasing use of fossil fuels in power plants, industries, transport, mining, construction of buildings, stone mines gave rise to air pollution.

Internal air pollution:- Internal air pollution is air pollution in adjacent places, such as our homes, shops, schools and other occupations. This can be due to many things, such as smoke from a domestic fireplace or emissions of gases inside a factory. It can be controlled by detecting pollutants within the home or business and then using detectors to control emissions. Chimneys can be used, but they can cause external air pollution instead.

External Air Pollution: External air pollution is the pollution of external air. This is usually due to the emissions of polluting gases by the burning of fossil fuels in the industry, car

exits and air travel. This can be limited by reducing our dependence on fossil fuels and by traveling less and less by cars and aircraft, by reducing emissions generated in both homes and businesses.

Water Pollution:- Water pollution means the contamination of water with the physical, chemical or biological properties of the water, which is caused by the discharge of industrial waste or any other liquid, gas, or solids, which are harmful to public health or public health in agriculture. Every living being depends, directly, on water so this has taken a heavy toll on the entire living population. Other than direct dependencies, more than 60% of the species live in some form of water. Thus water pollution is another major type of pollution that needs to be curbed. It can be attributed to many factors –industrial wastes dumped into the rivers and sea causes a huge imbalance in the water properties which renders the water bodies for aquatic lives. Water pollution is also a major cause of diseases caused to the non-aquatic species. Insecticides, pesticides which are sprayed on the plants, pollute the ground water system and oil spills in the oceans have caused irreparable damage to the water bodies. Eutrophication is another big source; it occurs due to daily activities like washing clothes, utensils near lakes, ponds or rivers; this forces detergents to go into water which blocks sunlight from penetrating, thus reducing oxygen and making it inhabitable. According to National Oceanic and Atmospheric Administration (NOAA), 80 percent of the pollution in marine environments comes from the land through sources such as runoff. Water pollution can severely affect marine life. For example, sewage causes pathogens to grow, while organic and inorganic compounds in water can change the composition of the precious resource. Water pollution is one of the most serious environmental problems. Water pollution is caused by a variety of human activities such as industrial, agricultural and domestic. Excess burden of fertilizers and pesticides on agriculture, industrial effluents with toxic substances and sewage water with human and animal wastes pollute our water thoroughly. Natural sources of pollution of water are soil erosion, leaching of minerals from rocks and decaying of organic matter. Rivers, lakes, seas, oceans, estuaries and ground water sources may be polluted by point or non-point sources. When pollutants are discharged from a specific location such as a drain pipe carrying industrial effluents discharged directly into

water body it represents point source pollution. In contrast non-point sources include discharge of pollutants from diffused sources or from a larger area such as runoff from agricultural fields, grazing lands, construction sites, abandoned mines and pits, roads and streets.

Soil pollution:- Soil pollution is mainly through agricultural chemicals. These are insecticides and fertilizers. These insecticides directly or indirectly injure other animals and humans. The use of pesticides and insecticides absorbs nitrogen compounds from the soil so that the plants get nutrition. The soil is exploited by industrial waste, mining and deforestation. Since the plants cannot grow properly, they cannot catch the soil and it leads to erosion of soil. Industries generate hazardous waste from mining, petroleum, pesticide manufacturing and other chemical production. Homes also contain paint and solvents, motor oils, lights, aerosol cans and ammunition, along with hazardous waste. While the above three are the most common forms of pollution which we hear about, there are some other forms of pollution that are growing in dangerous situations these days. Soil pollution occurs when the presence of pollutants, contaminants and toxic chemicals in the soil occurs in high concentrations, which have a negative impact on wildlife, plants, humans and groundwater. Industrial activity, waste disposal, agricultural activities, acid rain, and contingency oil rigs are the main reasons for soil pollution. This type of contamination affects the health of humans, affects the growth of plants, reduces soil fertility and changes the soil structure. Water pollution is capable of taking our world on the path of destruction. Water is one of the greatest natural resources of humanity. Nothing will be left without water. However, we do not appreciate this gift of nature and pollute it without consideration. The main causes of water pollution are: industrial waste, mining activities, sewage and wastewater, accidental oil rigs, marine dumping, chemical pesticides and fertilizers, burning of fossil fuels, animal waste, urban development, global warming, radioactive waste, grassland etc.

Noise pollution: - One of the biggest problems of modern times is sound or noise pollution. It refers to the presence of excessive noise or noise in the environment. It is often harmful to human and animal health. Noise pollution is due to large industries, cars such as cars,

buses and trucks etc. In addition, periodic sounds of running a hammer related to some construction or repair work can be quite crazy. Loud speakers have an impact on film music due to festive occasions and speeches or any other obscure reason at political rallies. We seem silent for a long time to be unattainable. Noises and unpleasant voices cause temporary disruption in natural equilibrium when noise pollution occurs. This is usually due to industrialization, social events, poor urban planning, domestic work, transport and construction activities. Noise pollution has problems with hearing problems, health problems, cardiac problems, sleepiness, and communication. Apart from this, it affects wildlife very much. Some animals may suffer from hearing loss, while others are disabled in hunting. It is very important to understand the sound pollution to reduce its impact on the environment. The noise is one of the most comprehensive pollutants. A music clock can be good to hear during the day, but there may be an obstruction during sleep at night.

Radioactive pollution: - Radioactive pollution refers to the presence of unwanted and unwanted radioactive substances that radiate the environment and its surrounding radiation. This kind of radiation is very harmful to the environment. Different types of nuclear fission are the main sources of radioactive radiation. Cosmic rays coming down from outer space are the sources of radioactivity. Then, the radioactive elements inside the Earth are the sources of radioactivity on Earth. The effect of radio-activity on humans has become very harmful in the present century. The effect of radioactivity is usually divided into three sections, such as immediate reaction, long-term reaction and very slow reaction. Radioactive pollution is the presence of radioactive substances in the environment. It is highly dangerous when it occurs. Radioactive contamination can be caused by breaches at nuclear power plants or improper transport of radioactive chemicals. Radioactive material should be handled with great care as radiation destroys cells in living organisms that can result in illness or even death.

Light pollution:-Whenever illumination available is more than what's required in an area, this pollution kicks in. It is more noticeable in big cities, on advertising boards and billboards, mainly during large scale events, vis-a-vis concerts, sport events & even marriages, at

the night. It mainly affects the astronomical observations by making the stars very difficult to observe & study.

Remedies of environment pollution:-Environmental pollution has negatively influenced the life of both animals and humans. The only way to control current environmental issues is to implement conservation methods and to create sustainable development strategy. We should find some effective remedies to restore our ecological balance. First of all, we should make sustainable transportation options. We should take advantage of public transport whenever possible, walk or ride whenever possible, consolidate your trips, and consider buying an electric car. Making a permanent meal option is very important. Choose local food whenever possible; Buy organisms grown vegetables and fruits or develop your own. People should conserve energy. Turn off the electronics and lights when you are not in the room. Consider whether small changes can lead to large energy savings. It is also important to understand the concept of reducing, reuse and recycle. Whenever possible, try to buy used items. Select products with minimum packaging. Buy reusable items. Remember that almost everything that you purchase can be recycled. Conserve water as much as possible. Dispose of toxic waste properly. Protect the water as much as possible. Do not use herbicides and insecticides. Use natural, environmentally friendly chemicals for your everyday activities.

Conclusion: - Environmental pollution is one of the biggest problems caused by human activities which we should remove to see tomorrow and guarantee a healthy life for our descendants. There are many environmental concerns for communities around the world. We must always remember that the problem of pollution affects all of us, so each of us should do our best to help our home to restore ecological balance at this beautiful place. Learn about the major pollutants in your area, where you live, for the protection of air and water. Encourage people to stop pollution, tell them about this problem, and oppose local pollutants together. The public should be educated about the danger of various types of pollution. People should know everything about all the consequences of environmental pollution in order to prevent the worst situation. We protect the water we drink, the air in which we breathe, and the soil we use to grow our food. Policy makers in developing countries need to design programs, set standards and take

action report regarding any types of pollution. Pollution effect on human health adversely. Healthy people mean that human resources are the main purpose of any successful business or country. Keeping in mind the differences in pollutants, concentration levels, exposure patterns and various underlying population characteristics, these socially beneficial efforts need to be carefully optimized with the knowledge available from other settings.

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