



Environmental Pollution; Causes, effects and solutions

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ABSTRACT

The environmental pollution is a burning issue before the contemporary world. The environmental pollution is not a major problem before humankind, even including the living beings, plant life and nature has to suffer due to the greediness of man. The environmental pollution is caused by the misusing exploiting the nature of man which has to suffer f even our next generation. Population explosion, highly industrialization, misusing the nature, irresponsible nature is the major reasons for the environmental pollution. The environmental pollution is having its own causes, effects which are horrible some times, but by having some remedial measures, we can decrease the level of environmental pollution, and by some judiciously acts, we can maintain the purify of mature.

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Introduction:-The environmental pollution is the major concept which is a million dollar question before mankind. It includes so many concepts like noise pollution, air pollution, water pollution etc. It includes the major issues like, global warming, acid rain effect also. Now including U.N.O as well as developed as well as third world countries are trying to lessen the damage of environmental pollution and protect the living planet – earth.

Key words:- Environmental pollution, global warming, acid rain, nature etc.

There are many causes of environmental pollution which can be listed as follows.

Deforestation, soil erosion, population explosion, production of uncontrollable waste, etc.

Research methodology:- Criteria for Bio-monitoring of Pollution

Methods for Monitoring Environmental Pollution

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Methods for Monitoring Environmental Pollution!

Environmental pollution poses a big threat to the healthy existence of humankind. The Governments world over pay serious attention to continuously monitor and minimize pollution.

The public and non-governmental organizations (NGOs) are also actively involved in this venture. Broadly, there are four levels of pollution monitoring agencies or environmental protection agencies (EPAs).

Primary level:

This is at the district or block level. The non-governmental organizations and the rural development agencies are involved in pollution monitoring.

Secondary level:

Existing at the state level, the monitoring is done by the respective state pollution control boards.

Tertiary level:

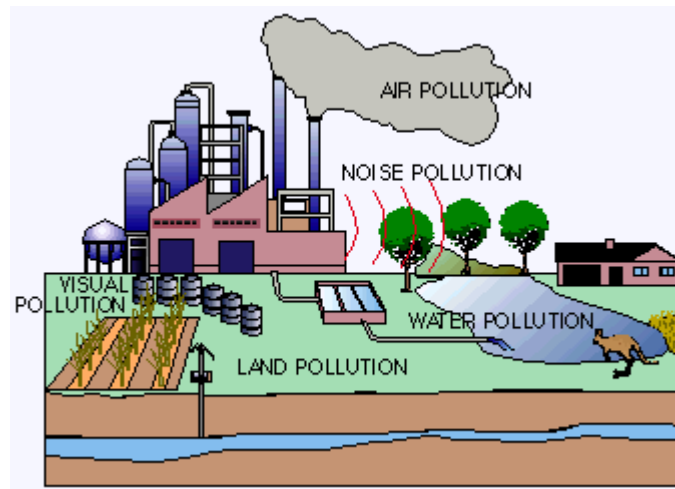
This is at the national/country level. Each country has its own environmental protection agency to monitor pollution.

Quaternary level:

International/inter- Governmental bodies are closely associated with monitoring of pollution which is a global phenomenon. World Health Organization and United Nation Environmental Programme are actively involved

Biotechnological I Methods for Measurement of Pollution:

In recent years, environmental pollution detection and monitoring is being done by approaches involving bio-systems. For this, purpose, several groups of plants, animals and microorganisms are utilized. The environmental protection agencies (EPAs) consider bio-monitoring of pollution as a useful device to monitor environmental pollution from the point of diagnostic, preventive and remedial measures.



There are so many causes of environmental pollution;- There are so many causes of environmental pollution. Let us discuss one by one.

More usage of plastics;-Due to industrialization, as well as urbanization, we are using the more and more number of plastics in our daily life. These plastics are not mixing with soil just like organic things and when we started to burning these plastics, there is the outcome of the bad smile as well as the black smoke which also leads to air pollution.

Deforestation;- Deforestation is also leads to the soil pollution .Due to deforestation , the roots of the trees started to loosening and there is the layers of the soil started to losing their fertility. The water which the outcome of extreme rainfall as well as flood, overflows and all the layers of the soil which is washes in the water. So by this reason, the soil is losing its fertility and it leads to the soil pollution.

Production of atomic bombs;-The production as well as the usage of nuclear energy, nuclear reactor, nuclear plant also leads to the pollution. After the explosion of nuclear bomb there is collection of nuclear waste, which is most dangerous to living beings as well as the nature.

The types of pollution;-The environmental pollution can ne classified into many types namely as follows;-

- Air pollution.
- Soil pollution.
- Noise pollution.
- Water pollution.

Air pollution;- The air pollution is caused by the smoke released by the large number of vehicles as well as industries. The carbon released by the vehicles mixes into the atmosphere, which forms the black smoke in the atmosphere. When this polluted air is breathed by the living beings like human beings, it affects in the form of breathing problem as well as lungs cancer. In the metropolitan cities, like Bombay, in some areas, the wall is turning black due to the thick spread of air pollution.

Soil pollution;-The soil pollution is caused by the mixing of e-waste, nuclear waste, deforestation which leads loosening the fertility of the soil. The mixing of chemical fertilizer which is used to plants growth is also leads to soil pollution.

In some places, after the harvesting, the farmers started to burn the agricultural waste, which also leads to soil pollution. The soil pollution is most hazardous to the plants growth. If we are ate the vegetables which are grown in that defective soil, then it is dangerous for the human health also.

Noise pollution;-Noise pollution is also the concept which badly affects our life. Noise pollution is caused by the noise created by the industries, siren, the sound from the heavy vehicles are the main causes for the noise pollution. Our ear is having the minimum capacity of hearing the sound. If our ear is grasping the sound beyond the limit then there is the problem of deaf. Especially, the children have to face this problem.

Water pollution; Water pollution is the burning issue before the world because it affects our life. It also connects the nature also. The industrial waste which is released by the industries is mixed in rivers affects the water resources and underground water level also. The water used by the human beings and animals suffers from the diseases like malaria, cholera etc.

The effects of the pollution;- The pollution problem is the burning issue every where. Due to the environmental pollution, there are serious problems like global warming and acid rain etc. Due to global warming, there is increase in temperature on the surface of the earth. By this, there are seasonal changes like uncertainty of rainfall etc. Even it affects the life of the animals and marine lives also.

Solutions of the environmental pollution;-We can find many solutions of the environmental pollution but it requires the will power of the people and awareness about environmental protection in people.

- Afforestation and planting the trees.
- Taking care and using filtration while releasing the industrial waste into river.
- Applying the pollution control strategies to all vehicles.
- Creating awareness among the people about the protection of the living planet.
- Taking care of nature and generating the nature loving attitude.

Conclusion;- The environmental pollution is the burning issue and now it is termed as the global problem. If we are taking the precautionary measures, then surely we can solve this problem and there is a way of applying eco friendly attitude.

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