

S.R.P. PUBLIC SCHOOL SARAIMEER

Essay on pollution

Introduction

Pollution is the presence of contaminants in natural environment that adversely affect all living things. The components of pollution can be either naturally occurring components or foreign substances. The major forms of pollution include; air pollution, noise pollution, water pollution, plastic pollution, soil contamination, thermal pollution and light pollution.

- **Air pollution:** Pollution pollutes the air that we breathe. It may cause harm to the living organisms such as animals, plants and other living organisms that are important part of our environment. It also damages our natural environment and degrades the quality of the air. The pollutants can occur naturally or can be manmade.
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- **Ocean acidification:** Emission of carbon dioxide causes ocean acidification. It is the decrease in the pH of the earth oceans by increase in the carbon dioxide in the atmosphere getting dissolved in the oceans.
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- **Global warming:** The emission of greenhouse gasses in the environment leads to Global warming which affects the ecosystem significantly.
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- **Soil contamination:** The quality of soil can degrade and it may become infertile and inappropriate for plants. This also affects the organisms in the natural food cycle. Nitrogen oxides and sulfur dioxide can cause acid rains which reduce the pH value of soil and can have harmful effects on plants, aquatic animals and infrastructure.
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- **Water:** Pollution of water channels can reduce the oxygen levels and the diversity of species.
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- **Decrease in biodiversity:** Invasive species can surpass native species and can decrease biodiversity.
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- **Plants:** Smog and haze can lessen the amount of sunlight received by plants to carry out the process of photosynthesis.
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- **Biological magnification:** It is the increase in concentration of toxins that may pass through tropic levels. It refers to the build-up of toxins in the food web. Predators accumulate more toxins than prey in the food chain.

Conclusion

Thus, pollution in the environment contaminates and reduces the quality of air water and land. Humans, animals, plants and other living organisms are a vital part of environment that gets effected due to pollution. Pollution is a global issue and needs serious attention. Various measures need to be taken to prevent pollution in the environment.