

Environmental pollution

Opinion

With the advent of the Industrial Revolution, humans were able to move further into the 21st century. Technology has developed rapidly, science has become advanced and the age of manufacture has come into view. With all this came a more effect, industrial pollution. Earlier, the industries were small plants that produced smoke as the main pollutant. However, since the number of plants was limited and worked only a certain number of hours per day, the level of pollution did not increase significantly. But when these factories became large-scale industries and manufacturing units, the issue of industrial pollution began to take on more importance. Any form of pollution that can trace its immediate source to industrial practices is known as industrial pollution. Most of the pollution on the planet can be traced back to industries of some sort. In fact, the issue of industrial pollution has become of great importance for organizations that strive to combat environmental degradation. Countries experiencing sudden and rapid growth in these industries find that this is a serious problem that needs to be addressed immediately.

Industrial pollution takes many faces. It contaminates many sources of drinking water, releases unwanted toxins into the air and reduces soil quality all over the world. Major environmental disasters have been caused by industrial accidents that have not yet been brought under control. Here are some of the causes of industrial pollution that have led to environmental degradation. Lack of effective policies and improper enforcement has allowed many industries to bypass the laws of the pollution control board, which has resulted in massive pollution that has affected the lives of many people. In most industrial cantons, unplanned growth took place in which these companies broke the rules and standards and polluted the environment with air and water pollution. Most industries still rely on old technologies to produce products that generate a large amount of waste. To avoid high costs and expenses, many companies still use traditional technologies to produce high-end products. Many small industries and factories that do not have enough capital and rely on government subsidies to run their businesses on a day-to-day basis often escape environmental regulations and release a large amount of toxic gases into the atmosphere. Water pollution and soil pollution are often caused directly due to inefficiency in waste disposal. Long-term exposure to polluted air and water causes chronic health problems, making the issue of industrial pollution serious. It also lowers the air quality in the surrounding areas that causes many respiratory disorders.

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Industries require a large amount of raw materials to turn them into finished products. This requires the mining of minerals underground. Minerals extracted can cause soil pollution when dumped on land. Leaks from ships can cause oil spills that can be harmful to marine life. The effects of industrial pollution are far-reaching and likely to affect the ecosystem for many years to come. Most industries require large quantities of water for their work. When they are involved in a series of processes, water comes into contact with heavy metals, harmful chemicals, radioactive waste and even organic sludge. These are either thrown into the open oceans or rivers. As a result, many of our water sources have a large amount of industrial waste that has a significant impact on the health of our ecosystem. The same water is then used by farmers for irrigation purposes that affects the quality of the food produced. Water pollution has already rendered many groundwater resources unnecessary for humans and wildlife. It can at best be recycled for later use in industries. Soil pollution creates problems in agriculture and destroys local vegetation. It also causes chronic health problems to people who come into contact with such soils on a daily basis. Air pollution has caused a large increase in various diseases and it continues to affect us daily. With so many small, medium and large industries to come, air pollution has consequences on the health of people and the environment.

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Conflict of interest

The author declares no conflict of interest.