

P27. POLLUTION CAUSED BY INDUSTRY AND HEALT EFFECTS

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Pollution is the introduction of harmful substances or products into the environment from different sources. Increased urbanization in parallel with the rapid population growth, and rapid increase in industrial organization in parallel with developments in science and technology revealed the environmental pollution problems. Main types of pollution are water pollution, air pollution, soil pollution, biological and nuclear pollution. Water pollution; Most industries require large amounts of water for their work. When involved in a series of processes, the water comes into contact with heavy metals, harmful chemicals, radioactive waste and organic sludge. Air pollution: The most damaging greenhouse gas, carbon dioxide, is released into the atmosphere from the burning of fossil fuels and factory emissions contribute greatly to the release of carbon dioxide into the atmosphere. Soil pollution: Industrial pollution is clearly one of the biggest contributors to our polluted landscapes. There are plenty of causes of land pollution, from urban and industrial ones, to rural and agricultural sources. Among the causes of industrial pollution, lack of policies to control pollution, unplanned industrial growth, use of outdated technologies, presence of large number of small scale industries and inefficient waste disposal are the most importants.

Effects of Industrial Pollution: Most industries require large amounts of water for their work. When involved in a series of processes, the water comes into contact with heavy metals, harmful chemicals, radioactive waste and even organic sludge. Soil pollution is creating problems in agriculture and destroying local vegetation. It also causes chronic health issues to the people that come in contact with such soil on a daily basis. Air pollution has led to a steep increase in various illnesses and it continues to affect us on a daily basis.

The issue of industrial pollution concerns every nation on the planet. As a result, many steps have been taken to seek permanent solutions to the problem. Better technology is being developed for disposal of waste and recycling as much polluted water in the industries as possible.

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