AIR POLLUTION'S EFFECTS ON THE ENVIRONMENT AND HUMAN HEALTH

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ABSTRACT

Air pollution is a serious issue in the modern world, with serious toxicological consequences for health and the environment. Although there are a variety of emission sources, automobiles and industrial processes account for the majority of air pollution. Particle pollution, ground-level ozone, carbon monoxide, Sulphur oxides, nitrogen oxides, and lead are six major air pollutants, according to the World Health Organization. Long and short-term exposure to air-borne toxicants has a variety of toxicological effects on humans, including respiratory and cardiovascular diseases, neuropsychiatric complications, eye irritation, skin diseases, and long-term chronic diseases like cancer. Several studies have found a direct link between poor air quality and an increase in morbidity and mortality, primarily due to cardiovascular and respiratory diseases. Air pollution is a major environmental risk factor for diseases like asthma, lung cancer, ventricular hypertrophy, Alzheimer's and Parkinson's diseases, psychological complications, autism, retinopathy, foetal growth, and low birth weight, among others. We aimed to discuss the toxicology of major air pollutants, their sources of emission, and their impact on human health in this review article. We've also proposed some practical ways for Iran to reduce air pollution.[1], [2].

KEYWORDS: Air Pollution, Cardiovascular Diseases, the Environment, Human Health, and Respiratory Tract Diseases Etc.

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