

Air pollution is the contamination of the indoor or outdoor environment by any chemical, physical, or biological agent that alters the natural characteristics of the atmosphere. Any type of air pollution that has sources of industrial activities is known as industrial air pollution. Household combustion appliances, automobiles, industrial facilities, and forest fires are common sources of air pollution. Therefore, policies to reduce air pollution provide a dual-benefit climate and health strategy, reducing the disease burden attributable to air pollution and contributing to mitigating the effects of climate change in the short and long term. Pollutants of major public health concern include particulate matter, carbon monoxide, ozone, nitrogen dioxide, and sulfur dioxide. Outdoor and indoor air pollution causes respiratory and other diseases and is a significant source of morbidity and mortality. World Health Organization data indicate that nearly the entire world's population (99%) breathes air that exceeds WHO guidelines and contains high levels of pollutants. As we continue to build factories and industrial sites, making smart decisions about their locations can help reduce the impacts of the unavoidable waste that comes from the factory. We can reduce air pollution from industries or factories by using public transport to travel, increasing the efficiency of equipment to consume less energy, and opting for natural gas. Many causes of air pollution (i.e., combustion of fossil fuels) are also sources of greenhouse gas emissions. But there are points throughout a factory's lifespan and its entire production process where changes can be made to reduce the pollution they produce and ensure proper precautions are in place to protect the environment around them. Improve machinery or manufacturing processes to reduce emissions from factories. Characteristics such as climate and topography significantly affect how pollutants spread, and these factors also need to be considered. Air quality is intricately linked to the Earth's climate and ecosystems globally. Industrial waste from factories is unavoidable.