

The Drastic Effects of Pollution

How Air/Aquatic pollution will shape our future

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Air Pollution

In the world, At least 90% of people reside in areas with air pollution. Several areas of the world continue to have dangerously high air pollution levels. According to recent world health organization data, 90% of individuals breathe in air that is highly polluted as reported estimates from the world health organization (1). 7 million individuals per year pass away due to exposure to small airborne particles that get deep into the lungs and cardiovascular system, stroke, heart, disease, lung, cancer, chronic, obstructive, pulmonary illness, and respiratory infections all being brought on by this. This article was published by the world health organization, "The world health organization is a specialized agency of the United Nations responsible for international public health." the United Nations agency, working to encourage public health and world safety. "More than 90% of air pollution related deaths occur in low and middle income countries mainly in Asia and Africa followed by low and middle income countries of the eastern Mediterranean region, Europe and the Americas."

Compared to smoking, HIV, or war, air pollution poses a greater threat to life expectancy. Air pollution is a bigger killer than HIV, aids, malaria, tobacco, smoking, and war. The experts claimed that particle pollution has more damaging effects on life expectancy than smoking and war. With the average global citizen, losing two years of their life to the levels of air pollution we are currently seeing. It is shortening the lives of billions of people, and if nothing changes, a total of 17 billion years of life would have been lost globally. "“Air pollution is the greatest external threat to human health on the planet,’ says professor Michael Greenstone” (2).

Aquatic Pollution

Each year pollution claims the lives of 100,000 marine animals and more than 1 million sea birds. The two most common direct effects of marine debris on wildlife are entanglement in ingestion. invasive species, movement accumulation of harmful substances, physical disturbances from mechanical beach cleaning, and destruction or suffocation of the bottom are some further dangers to animals and ecosystems. A piece of maritime debris could be attempted to be used by an animal as a nesting or shelter area. In search of food or shelter, fish and crabs fall victim to a variety of lost traps, never to be seen again. "Marine litter is a vicious killer of marine mammals, seabirds, and many other lifeforms in the Marine in coastal environment" (3).

In America, almost 50% plus of lakes are contaminated for swimming, fishing or aquatic life. This 50 year old, clean water act has failed miserably to achieve its objectives. In the US, over half of the rivers and streams are deemed to be filthy for swimming, fishing, aquatic life or as drinking water sources. A study from the environmental integrity project discovered concerning water quality test findings in all 50 states (4). Pollution affects more than 700,000 miles of waterways, or around 51% of estimated river and extreme miles. According to the report, impaired water is defined as water that is to continue to be used for swimming, recreational activities, aquatic life, fish, conception, or as a source of drinking water. "Florida ranks first in the US for total acres of land classified as impaired for swimming and aquatic life and second for total lakes of areas listed as impaired for any use" (5).

References:

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