

Effect of Pollution on Human and Environment

Abstract

In the paper we are going to study about the effect of environmental pollution in the soil waste pollution on human diseases and problem animal, and tree plants. During the study we find that the environmental pollution is not only affecting the human life but also the life of plants, animal land and water also. These problems include air and water pollution, loss of biodiversity and wildlife, carbon emissions, ozone layer depletion, global warming and climate change today the conservation, protection and improvement of human environment are major issue of the world. Land, water, air plant animal and other forms of life are to be conserved.

Keywords: Carbon Emission, Biodiversity, Conservation, Remedies.

Introduction

Environmental pollution is the world wide problem and its potential to influence the health of human population is great. During this decade, the struggle of the local people for their right over natural resources has also intensified. Local people are prepared to even die for protection, their land, water and forest resources. Pollution reaches its most serious proportion in the densely settled urban industrial centers of the more developed countries. Over the last three decades, there has been global concern over the public health impact attributes the environmental pollution (Kimani, 2007). It was last 20 years or so when two environmental challenges, pollution and natural resources, conservation have usually taken center stages in the world. The pollution in our water bodies is worse then it was three decades ago. Air pollution in cities is worse with toxicants damaging our lungs. Human exposure to pollution is believe to be more intense (Schell *et al.*, 2006). Environmental pollution is tangled with the unsustainable anthropogenic activities, resulting in sustainable public health problem. Population form infectious disease such as cancer birth defect, asthma and many of which may be associated with environmental exposures. The set up of institution to regulate industrial and vehicle commission we could not catch up in this game of growth and its toxicants fallout. Pollution control programme involves a nationwide fixed cost sharing effort relying upon voluntary participation.

Air Pollution and Its Quality

Air pollution has been defined as any solid, liquid, or gaseous substance presence in the atmospheres in such concentration as may be or tend to be injurious to human being or other living creatures or plant or property or environment. The air we breathe is an essential ingredient for our well being and healthy life. Unfortunately polluted air is common throughout the world (EPA, 2009) specially in developed countries from 1960. polluted air contains one or more hazardous substance pollutant or contaminant that create a hazardous to general health. Cost of the pollution can be evaluated in the following ways. Pollution control involving, money, funds, manpower etc for disposal of pollutant for control devices developed, corrosion of metal as iron, steel, copper, brass nickel, zinc lead etc. The main pollutant found in the air we breathe include particulate matter PAHs, ground level ozone, heavy metal sulphur-dioxide, benzene carbon monoxide and nitrogen dioxide. We recognize two basic type of pollutant non-degradable and biodegradable.

Non-biodegradable pollutants are the material and poisonous substance like aluminium, cans mercuric salt, long chain phenolics, DDT etc that either do not degrade or degrade only very slowly in nature biodegradable pollutant are domestic wastes that can be rapidly decomposed under natural condition. air pollution is also caused by major man made sources of ambient air pollution include tobacco smoke, combustion of solid fuel for cooking, heating, home cleaning agents, insecticides industries, automobiles, power generation, poor environmental



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regulation, less efficient technology of production, congested road, and age and poor maintenances vehicles. These non degradable pollutant not only accumulated but are often biologically magnified with their subsequent movement in food chains and biogeochemical cycle.

Water Pollution And Water Quality

Water is the most important substance in our lives. The air pollution may defined as "the addition of any substance to water or change in water's physical and chemical characteristics in any way which infers with its use for legitimate purpose. The water we drink are essential ingredients for our well being and healthy life unfortunately air and land pollution the foremost problem of the world. The WHO states that one sixth of the world's population, approximately 1.1 billion people do not have access to safe water and 2.4 billion lack basic sanitation. Many rivers of the world receive heavy flux of sewage, domestic waste, industrial effluents, agricultural waste and polluted by agricultural or household cause damage to human health or environment. This water pollution affects the health and quality of soil and regetation. Since water is unique chemical with properties of dissolving and caring in suspension a huge variety of chemicals, it may get contaminated easily. Some water pollutant affect are recognized immediately whereas other don't show up for month or years. The poor quality of water cause health hazard and death of human being, aquatic life and also disturbs the production of the crops. Infact the effects of water pollution affects our ocean, lakes, river and drinking water making it wide spread global concern (Scipees, 2009).

The issue of utilizing technology for treatment of sewage and industrial discharge, the expert committee in its report recommended adoption of waste stabilization pond technology capable of killing pathogens and make treated water safe for agriculture, aquaculture and bathing.

Land Pollution

Any physical or chemical change in land which adversely affect the growth of plant and other organism directly or indirectly become health hazard to man kind. Various kind of metal, originating from the different sources pollute land either directly entering to it or indirectly through contaminated irrigation water or through industrial waste, sewage sluge etc. Land pollution is one of the major form of environmental catastrophe our world is facing today improper management of solid waste is one of the main causes of environmental pollution. World Bank (2002) found particulate matter is the most serious pollutant in large cities in South Asia. Such metal particularly lead and mercury enter the bodies of humans and other organism through food chain. The concentration of such metal increase at successive tropic level of food chain resulting into biological magnification.

Conclusion

The effective response to pollution is largely based on human appraisal of the problem and pollution control program involves as a nationwide fixed cost sharing effort relying upon voluntary participation. We must speed up global action agenda

of reducing emission from fossil fuel burning responsible for green house gases and regional haze. At present the adoption of environmental auditing in any economic sector is voluntary but future legislation could well make it mandatory. These efforts have been made by common people non governmental organization voluntary agencies as well as government. Healthy people mean human resources are the main object of any successful business country.

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