

# Impact of toxicology on environmental health

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To study the toxicology impact on the environmental health and how the changes are taken place in order to maintain the ecological balance between

the human race and nature. This study helps to understand how they used the toxicology to find out the harmful chemicals, metals, components etc. in the environment.

**Key Words:** Toxicology; Environmental health; Harmful metals

## INTRODUCTION

Environmental toxicology is a multidisciplinary arena of science disturbed with the study of the destructive effects of various biological, chemical and physical causes on living organisms. While reviewing the confrontational health effects of compound, biological, and physical agents on existing organisms in the environments, environmental toxicology efforts on humans and consequently plays a significant role in addressing public health trials. Toxic unwanted can harm people, animals, and plants, whether it conclusions up in the ground, in streams, or even in the air. Some pollutants, such as lead and mercury, persist in the environment for many years and accrue over time [1]. Humans or wildlife often engage these toxic elements when they consume fish or other prey.

Dense metal exposure like mercury, lead, aluminum, cadmium, and arsenic are environmental pollutants present in the drinking water, air, food, and countless goods [2]. Dangerous effects of such elements and biological agents as toxicants from impurities, pesticides, insecticides, and fertilizers can disturb an organism and its community by decreasing its species range and plenty [3]. Such changes in inhabitant's dynamics affect the ecosystem by decreasing its productivity and constancy. Environmental health mentions to features of human health that are firm by physical, biological, chemical, social and psychosocial issues in the environment[4]. Health is a state of whole mental, physical and social wellbeing, and is not simply the nonappearance of disease or illness. An amount of specific environmental issues can delay human health and wellness. These issues include chemical pollution, climate change, air pollution, disease-causing microbes, lack of access to health care, poor organization, and poor water superiority.

Environmental health facilities are particularly anxious with aspects of the environment that can present a risk to health, such as a safe supply of food, water and poor housing, the control of pests that can spread contagion, poor air quality and annoyance noise [5,6]. Environmental toxicology studies the harmful effects of various chemical, biological and physical agents on living organisms at molecular, cellular, organism and population

levels. This involves the adverse things of environmental pollutants in air, water, and soil, and includes both anthropogenic and natural agents.

## CONCLUSION

Toxicology helps to find the environmental health problems which are indications to imbalance of the nature and human race. We can diagnosis the factors like chemicals and harmful ingredients in food items, water etc. by using the toxicology and its end results will helps to find the solutions. Toxicology is a great revolution in the environmental health field it cut down the procedures, formulas, steps etc. to conduct a test on particular compound of the environment to better the living standards.

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