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## PROBLEM OF WATER POLLUTION AND HEALTH SYSTEM IN INDIA

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### **ABSTRACT-**

*Water is the main element out of five water, air earth, space and fire. It is the most essential for human beings. Special drinking water, pure water and mineral water is specific for healthy body. Since our body is 70% water and Earth is also a planet of having about 70% water it. There are some pollutants which spoil the water. However India is very rich country when it comes to water. There are many rivers, water bodies, coastal areas having boundaries of ocean water pure water is useful in all activities such as agriculture, industries, population, transports and electricity etc. According to World Health Organization "Water Pollution spoiled with various unwanted natural & human material, spoil and unusable water mixed with poison and more responsible for lack of oxygen level and spreading viruses in environment". It is more harmful for human health system. Main objective of the study is to describe the water pollution and impact on health. There are many sources of water pollution from industrial waste chemicals to natural and human sources of pollution. The present study is based on secondary data and is descriptive in nature. It is more important to become aware about water pollution and study about the impact water pollution has on human health. Government plays a significant role in water saving policies but some time found poorer management of saving pure water under the theme save earth, save water and save life, save environment. If we focus on holistic river of Ganga in northern plain area we find that it can be possible to store pure water for long time. But due to mismanagement of pure and dirty water bodies, water pollution takes place and becomes harmful for life. Ganga River is also becoming a part of the situation. From hilly areas to the sea level water of the Ganga which has been spoiled many times by industries, solid*

*waste from agriculture ,urbanization and ,etc. There is a need to study about the serious problem is water pollution and health system process in India.*

**KEYWORDS**-health, water pollution

## **INTRODUCTION**

Water pollution means harmful pollutant taking place in water bodies affected by human and natural activities. There are various types of water bodies: oceans, lake, ponds, rivers as surface water, other is found as underground water and rainfall water. All types of water are affected by human beings. Surface water is polluted with agricultural industrial process and mismanagement of river system .rainfall water spoil with acid rain water due to air pollution on the other hand, underground water is also spoiled with the chemicals of rain water reaching or falling in underground water and make harmful for human health plants, animals, wild life, forest fire, earthquake, cyclones, are more harmful for water pollution. Without water a human is nothing.

## **SOURCES OF POLLUTION IN INDIA**

- Use of maximum nitrogen and pesticides in agriculture which are responsible for underground water pollution.
- Solid waste produced by households, industries, agriculture falling in rivers, lakes, oceans, and through rainfalls it affects human body. In 2018 health reports shows the maximum percentage of loss by disease like infection ,stomach problem, heart and lungs problem

In 2018, UP, west Bengal, Assam, MP, Maharashtra, Orissa, and Haryana, etc. maximum developed areas are responsible for water pollution problem due to high population. One accidental discharge of oil, from pipe lines and ships .plastic use is also harmful for ecosystem.

The world health organization provides the information that most of the diseases are the result of air and water pollution .water is an essential natural resource for us it becomes contaminated with pollution the reason of many health problems. There are so many causes of water pollution pesticides and fertilizer using in agricultural areas garbage dumping ,imbalance disposal of environmental hazardous substances, erosion ,sedimentation, plastics, mining activities, sewage , oil spiels and industrial waste contribute to the problem of water pollution in India.

## **CONSEQUENCES OF WATER POLLUTION-**

There are so many problem as a result of water pollution first of all easier problem neurological disorders reproductive problem and causing other health issues in all living being

specially in human being and animal imbalance in food chain ,ecosystem, impact of tourism and fishing.

**OBJECTIVE OF THE STUDY-**

The main objective is to describe causes of water pollution impact on health.

**DATA AND METHODOLOGY-**

Present study is based on secondary data it is disruptive in nature. India is a rich country having natural resources. But water pollution is his major issue. Pure and drinking water problem is increasing acid rain; surface water, ocean water and underground water are effecting from industrial development, use of pesticides in agriculture and air pollution.

There is a need to aware population to stop water pollution and about solution of air pollution. All type of pollution is co related with each other.

**RESULT AND DISCUSSION-**

Water pollution is the major problem not only in India but it has been concern globally as an environmental problem there are many reasons of water pollution due to agricultural, industrials, plastic, and sewage problems. Various pollutants are increasing with many causes of development and technology through industrial waste or agricultural activities (use of pesticides, etc). Industrial effluents have been discharged into reverse and water bodies. Clothes to wash, cows and buffaloes are taking bath house waste deposited on the banks of river and water bodies. Consequences of water pollution Rivers pure water like Ganga Holy River cannot be used to drinking purpose after polluted .various types of diseases like vomiting, jaundice, dysenteric makes the result of pollution of water.

Excessive nutrients of runoff mainly phosphorus and nitrogen from agriculture and eulrophication, harmful algae blooms in urban areas, deplete the oxygen level. There are various strategies and planning for water pollution including technological advancements in base treatment, stricter regulations raising public awareness to reduce plastic usage through study material provided for the syllabus if school and college students, eco friendly practices in culture and industrial for promoting fresh water.

There are so many efforts for controlling water pollution safe guarding water resources, protecting biodiversity, securing a sustainable environment for future generation ensuring human health so there is a need for proactive measures and ongoing research to this challenge effectively. The layman should also aware about the problem of water, air, land, and all type of pollution. We should aware otherwise there is not any solution of this type of problem. However we all know

about all problems of environment and solution of the problem. But we are unable to solve it without awareness.

**CONCLUSION –**

In India water pollution is an environmental challenge impacting on water quality, ecosystems and impacting on public health. Factors mainly contributing to the issue of water pollution are agricultural runoff, untreated sewages, in adequate waste management and industrial discharge.

Efforts for solutions of the problem by government, non government organizations and communities include awareness campaigns implantations of policies and waste water treatment projects are available. But more effective sustained and comprehensive actions are necessary to clean and safe water for all citizens.

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