



P-ISSN: 2706-7483  
E-ISSN: 2706-7491  
IJGGE 2024; 6(1): 167-169  
Received: 25-10-2023  
Accepted: 27-11-2023

**Dr. Amar Asaram Pawar**  
Associate Professor and Head,  
Department of Geography,  
G. D. M. Arts, K.R.N.  
Commerce & M.D. Science  
College, Jamner, Maharashtra,  
India

## Impact of waste water on human fitness and farming land

**Dr. Amar Asaram Pawar**

**DOI:** <https://doi.org/10.22271/27067483.2024.v6.i1c.216>

### Abstract

Waste ejection is being handed down in advancing countries to hiding the shortage of water in farming lands. Waste grows heavy in the soil which goes into the food chain but it is beneficial for the plant. Many solutions for polluted soils exist, including inversion of soil with benign substances such as sulphate, lime, calcium, and organic matter, these harmless mixtures create insoluble metal complexes. This will minimize the ratio of metal available to plants. This paper checks the waste irrigation quality and its impacts on soil framework and other vegetables in different places. Although many industrial contents are useful for irrigation, waste quality differs depending on the source. In comparison to soluble salts and heavy metals such as zinc, copper, manganese, nickel, and cobalt, the samples gathered from hospitals, leather factories, clinical labs, and the steel industry were injurious. The quality of waste in main drains was better than in industry outlets; however, irrigation was not done safely. Metals absorb more in the roots of fruits and vegetables than in the leaves of the plants. There is a need for secure management solutions based on scientific research. One element that appears to be especially harmful to leafy crops is cadmium.

**Keywords:** Mixture, framework, leather, waste, absorb, secure

### Introduction

Using city waste water in cultivation is a lengthy procedure. It has captured attention in various divisions of the globe, particularly in dry and semi-dry regions, where it is the starting reason for water insufficiency. Waste can be explained as un-useful industrial solids and household waste water. Because of more population and industrialization, there is pressure on land resources and water, which may lead to more regional discharge of sewage. Waste water helps the resources of poor farmers but it causes the efficiency of the environment. The nation where secure effluents are not present, waste is used in those regions to water the crops and vegetables. City area used drain water, one of the useless water assets that have been used as an alternative for watering in dry parts with acute contention among water users, has been presented because of its suitable standard. The complication of using city used drain water on earth physicochemical standard, herb production, tainting extent, and exterior and surface water assets have long observation the interest of researchers like in the results of small and lengthy term drain water watering on earth physicochemical standard, plant production, pollution levels, and exterior and surface assets. In positions where good water is less, using attend to waste water in farm land is today regarded not only as an infusion for waste water ejection, but also as a blend for viable agriculture. The need for this water asset in dry and semi-dry regions has been results by the effects of treated waste water on plant growth, since its dietary can magnify agriculture while minimizing the use of useless chemical fertilizers. Drain holds three important large nutrients: nitrogen, phosphorus, and potassium, as well as a range of huge nutrients required for plant growth.

### Objectives

- To understand impact of waste water on human health.
- To make aware of waste waters usefulness regarding human health and agricultural land.
- To avoid bad impact of waste water by planning properly.
- To find a proper place to discharge waste water.
- To remove water pollutants.
- To control the waste water pollution and protect the environment and ensure the sustainable growth of the society.

**Corresponding Author:**  
**Dr. Amar Asaram Pawar**  
Associate Professor and Head,  
Department of Geography,  
G. D. M. Arts, K.R.N.  
Commerce & M.D. Science  
College, Jamner, Maharashtra,  
India

## Methodology

The present paper is related to impact of waste water on human health and agricultural land. In short it is related to human life directly as well as indirectly. now a days we every one facing the problem of waste water in urban and local or rural area many people facing the problem regarding health so as a writer of present paper I collected the material from various research paper, periodicals, internet, geography textbooks, articles, journals and many more. many medical survey indicates that how heavy metals have toxic effects on the human health as brain damage, liver, kidney problems, anemia etc. waste water helps the resources of poor farmer but it cause the quality of environment so if we see the impacts of waste water we see in all over the world facing many types of problems. it helps in short portion but abolish the life of many people as direct impact on human body as well as indirect impact by eating different foods and vegetables some of the waste are recyclable but some misuse is not recyclable so it shows the bad impact on the soil, human being as well as plants. Here as a researcher I used mixed method to collect data from different sources. It shows integrates of qualitative and quantitative in a single study. Present title shows the main problem regarding the human being health issues so we can collect the data from different region how all these people are facing it and overcomes the problem. If we want to live our life secure and make this world secure we have to search the solution. It will help not only geography related individuals but also all type of people who are facing the present problem. present subject pervades all type of departments social, political, educational, environmental, world health organization etc. many researcher try their best regarding to focus on the problem but some modern data lack in their research work so I try to collect the latest information, findings, solution, criteria and many more on the present topic. it will helps the future scholar to focus on the neglected issues some author write on the qualitative part on topic, some on the quantitative part so I select mix method to collect the more precise information to focus on the neglected part related to the topic. many author wrote how to overcome the present problem, they mention the different solution on the problem by giving precise information so the present method implies us how to understand the impact of waste water on human health because it pervades many dangerous diseases which our society facing lots so it will be beneficial to make people aware by showing the data related to human health and agricultural land. Day by day using waste water various diseases pervading the world and our good land becoming unproductive the life of people is decreasing by eating such type of chemical food and vegetables. So we are getting green vegetables at urban area easily but the problems are neglecting by us. So we should think and utilize the remedies which can decrease the health issues the data which different scholars mention in their writing is very impressive one. So we have to think on the issues to overcome it by studying the different data. We can focus the problem many authors write on the present title and their writing horrifies us. So by collecting different sources I utilized the data and focused on the title by showing neglected part of the subject definitely it will help all types of individuals to understand the impact of waste water on the all type of life part by understanding its impact on large quantity. The chemicals, virus, bad smell, toxic

substances, pollution, salt, biodegradable cause damage on environment and it is the part of human being because the relation of human and environment is never ending so we have to face it integrate and overcome the problem by utilizing the inculcation and find proper place to discharge waste water properly and hide it from the life of human being and agricultural land.

## Results and Discussions

Present paper focus on the impact of waste water on human health and agricultural land. so we saw that how its impact is horrible on the world so my first intention through this paper is that how to minimize and end the problem by implementing the proper method by disposing the waste water which comes directly or indirectly in the life of human being. First it helps how it reacts on the human being and agricultural land so present paper helps us to understand the problem which we neglecting by busy life. next we know that it can utilize by dry area mostly or urban people utilize it for agriculture land they got benefit it by limited people but the bad impact seen on many people as various diseases and barren land so for little benefit we sacrificing the livelihood of maximum ratio so as a citizen we have to focus on social values our morals and we have to give not take from society otherwise we have dig death of ourselves. So present paper highlights on the proper utilization of waste water and avoid the destruction of human being it is also duty of every industrialist to dispose the chemical water properly it should be hide from the housing place all the human welfare, organization act for implementing the disposal of waste water. Government, NGO social welfare, socialist, authors, scholars, citizen, journalist, environment lovers etc. that can help to overcome the problem as we know that many strategies are orally said but implementation is not hundred percent so, all human come together and by their best to do welfare for the works. Human and safe environment otherwise future generation will be vanish from the globe. The industrialist as well as farmer, household activities also think on the present topic. So present paper shows us that all of us try to control or stop the bad impact of waste water on human health and agricultural land as a author would like to indicate all type of present and future problems and it will help other authors, journalist, citizen, farmers, students, scholars etc. our understand the subject and its destructive power so all the implied discussion implement in our action it will fruitful for all the living and non-living factors of total world. Also all the government, on government agencies must think on the present topic and try to do our best so all factors of world can live their life happily. The sewage water goes to soil and from soil goes to vegetables and edible crops so it is becoming a worldwide problem because without food we cannot live and without water food cannot be created so the main problem is that the toxic material mix in the water and it became waste. It is duty of each and every person to stop waste water from human health and agricultural land for that purpose many author write on it so making on proper measure collect all that measure and stop that waste water reaching from human and agricultural land farmers also understands it properly and overcome the issue permanently by taking proper steps.

## Conclusion

Present paper highlights us how the subject is important for

all aspects related to human and non-human being. it shows that how the world facing the problem of waste water for that purpose we have to treatment which purpose to control the factors from it to make usable it for household and farming use we have to implement waste water treatment plant at maximum ratio by government and non-government bod.it will helps us to remove the hazard in our life it can help to reduce risk of health issues and control water born diseases so from all of us have to cooperate each other to overcome the problem. Present paper will show the next path for all type of individuals to search deeply about the problem so before using waste water for farming and human fitness we have to examine it by its chemical, physical and biological measures it will help us to conduct proper planning about waste water related to human fitness and farming land.

### References

1. Articles of gray on biology of wastewater treatment.
2. Reviews by institute of soil and environmental sciences.
3. Geography Wikipedia.org
4. References from CBSE geography textbook.
5. Food and agriculture organization by asano.t.
6. www.wateronline.com