

Impact of Proper Waste Management in Villages

Parveen Kumar, Sachin Yadav

Student, Dronacharya College of Engineering, Gurugram, Haryana, India

ABSTRACT

Villages forms important part of our country. These are the suppliers of food and many other raw materials for the people and industries based in cities. But the infrastructure and waste management in village are in poor condition due to negligence of our government. Due to which the quality of land and water resources of village get deteriorated and the villagers suffer a lot of health related problem. In this review paper the ideas are provided by using which waste of villages can be disposed in a good manner and also it will reduce the pollution of land and water. This not only provide the villagers a healthy environment but also reduce the pressure on natural resources used in agricultural activities. Since agriculture is the main activity of villagers so indirectly the proper management and treating of waste will increase their income also.

KEYWORDS: Waste Management, Village, Agriculture, Environment

INTRODUCTION

In village a lot of solid waste and liquid waste is produced daily but this waste is not treated due to which it directly spoils the land and water bodies where this waste is discharged. In many villages the waste is discharged in ponds where it spoils the water and make it unfit for use and also pollute the ground water after seepage in the ground. The waste is also thrown on open lands due to which chances of spreading dangerous disease like malaria, dengue, hepatitis, cholera etc. is always present. To avoid these problems the waste should be disposed in nature friendly manner. There are some advantages which the village will get if the waste water is treated and solid waste is disposed in proper way.

- **Less depletion in ground water level:** If the waste water of the village is treated well in a water treatment plant then it can be easily discharged anywhere in village and also it can be utilized in agricultural activities. As in most of the Indian villages ground water is used for irrigation so if treated waste water is used in irrigation then it reduce the consumption of ground water and hence reduce the depletion in ground water table.
- **Reduction in use of chemical fertilizers:** If the solid human waste, cattle waste and other biodegradable waste is properly used in making compost then it will provide solutions to many problems. In this way waste can be disposed safely. The compost formed can be used in increasing the soil fertility due which use of the chemical fertilizers will be reduced.

How to cite this paper: Parveen Kumar | Sachin Yadav "Impact of Proper Waste Management in Villages" Published in International Journal of Trend in Scientific Research and Development (ijtsrd), ISSN: 2456-6470, Volume-4 | Issue-4, June 2020, pp.1417-1418, URL: www.ijtsrd.com/papers/ijtsrd31511.pdf



IJTSRD31511

Copyright © 2020 by author(s) and International Journal of Trend in Scientific Research and Development Journal. This is an Open Access article distributed under the terms of the Creative Commons Attribution License (CC BY 4.0) (<http://creativecommons.org/licenses/by/4.0>)



- **Improved health:** Due to proper management of waste the spread of disease will be less and people of village will live healthy life. The life expectancy will also increase. And the money spent for control of disease will be also saved.
- **Employment:** As we know that proper management of waste will require workers to perform various work from collection of waste to treatment of waste at various levels. So this will create employment in village on small scale but it will benefit the village economy.
- **Reduction in pollution:** With proper disposal of biodegradable waste into compost and disposal of non-biodegradable into suitable dumping site or it's recycling will reduce pollution of environment.
- **Cleanliness in village:** When the waste of village will be managed suitably the village will look clean and attractive. The view of village will provide a soothing effect to viewers eyes.

Conclusion:

At last it is observed that proper waste management in village will benefit the villagers in many ways. Also it will reduce the depletion and deterioration of natural resources like soil, ground water etc. It will provide a healthy environment to villagers and also it will induce more ideas to preserve the natural resources of village. It will give them confidence to tackle future problems by themselves. In other words proper waste management in villages is a firm step

towards making the villages self sustained and economically developed. The implementation of systems and process for waste management in villages will require money and increase the burden on panchayat. But the benefit and effect of proper waste management will be fruitful and will be providing return more than the spent money.

Reference:

[1] Prof. M. R.Gidde, Prof. Dr. V. V. Todkar, Prof. K. K. Kokate, Indo Italian conference on green and clean

environment march 20-21, MAEER's MIT college of Engineering, Pune. Municipal solid waste management in emerging mega cities: A Case Study of Pune City.

[2] Kurian Joseph, perspectives of solid waste management in India, International Symposium on the Technology and Management of the Treatment & Reuse of The Municipal Solid Waste, Shanghai, China, 2002.

