

Actualization of the meaning cleanliness is half of faith in improving environmental health through the waste bank program

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ABSTRACT

Rapid growth is considered to be the main reason for the amount of waste. The Waste Bank Program is one of the ways to manage waste and minimize its presence in the environment. The purpose of this study was to analyze the actualization of the meaning of the hadith about cleanliness as part of the faith through the waste bank. This research method uses a descriptive method through a survey. Based on this research, the Waste Bank is one of the solutions to help deal with waste management in Indonesia. The concept of a waste bank is a form of actualizing the meaning of cleanliness as part of faith. Waste Banks are one of the efficient alternative solutions in improving environmental health as an actualization of the meaning of Islamic teachings.

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1. Introduction

Rapid population growth is considered to be the main reason for increasing human activities. Increased human activity will result in a high amount of waste. The increasing problem of waste that is getting worse in the 21st century cannot be separated from global population growth, consumerism and industrialization [5] [23]. When people's lives become more modern, it is closely followed by an increase in the amount of waste and global waste generation is expected to increase threefold by 2100 [27]. Waste is a problem that is still complicated to be solved in Indonesia. The main problem lies in the habits, mindset of the people, the lack of attention and understanding of the community towards the bad impacts caused by waste. Especially waste that cannot be decomposed naturally in the soil such as plastic waste and the like [22]. Indonesian people also still like to throw garbage in any place. In addition, many people do not sort their waste from the source, organic and non-organic waste is still mixed. So, what happens is that all the garbage piles up in one landfill [13]. Therefore, waste management is becoming an increasingly important concern, given the limited space for landfills, the diversity of production materials and an increase in food consumption [16]. Public awareness is still low to dispose of waste in designated places and the desire to recycle waste is still low.

Garbage will cause environmental problems if not managed properly. The negative impacts include environmental pollution, blockage of drainage channels and affecting public health [14]. The government and society have an important role in waste management [7]. Waste management is part of hygiene management. The fact shows that the majority of Indonesian people adhere to Islam, should make Indonesia a mecca for other countries, especially in environmental hygiene [3]. Islam views cleanliness as one of the main priorities in practicing religion. Muslims around the world have very high standards of personal hygiene, as Islam places great emphasis on physical and spiritual cleanliness. Muslims are required to maintain personal hygiene by ensuring that the body, clothing and environment are clean. The Hadith of the Prophet SAW which specifically mentions cleanliness, which emphasizes that cleanliness is part of faith.

Human behavior that is not responsible for environmental sustainability results in environmental threats. Another progressive argument that has recently received attention is the religious argument. Contemporary environmental issues continue to play an increasing and prominent role in various religious discourses. Environmental degradation beyond environmental hazards, economic catastrophe, and aesthetic damage, is a grave offense against God. Religion should be understood as a significant influence on behavior and attitudes towards the environment and environmental health. Recent studies have highlighted the importance of environmental education from an Islamic perspective thus offering a newly proposed theoretical construction of Islamic environmental awareness [1].

According to the World Health Organization (WHO), health-related environment refers to the complex intertwined relationship of physical, chemical and biological factors that influence human and non-human beings in our behavioral responses to these factors [28]. To date, ethical, economic, social and aesthetic arguments have been put forward to support the importance of environmental health [12], ecology, conservation, sustainability, biodiversity, and protection of the natural environment [15]. One way that can be done to support the importance of environmental health is to manage waste and minimize its presence in the environment [18] is through the Waste Bank.

Research by Riwukore and Habaora, waste reduction and management strategies can be pursued with several concepts. One of them is the Waste Bank. In addition, waste banks can also be used as a solution to improve the economy through waste management. Waste reduction activities must start from the source of the waste problem, namely the community itself [20]. Research by Dewanti, the existence of a waste bank which is expected to be an alternative for waste management in Kulon Progo, Indonesia is still a complicated problem. This is due to the lack of public awareness in waste management and the availability of a waste bank that is able to cover all areas in Kulon Progo Regency [6]. Research by Wildawati, the management of the Waste Bank is still constrained by the unseparated between wet and dry waste. Wet and dry waste are still mixed together. Therefore, there is a need for regulation in the transportation of waste so that waste can be managed better [26].

This research has similarities with previous research on the basic concept of implementing Waste Banks in Indonesia as a solution to the increasing amount of waste. Waste banks can be a place to develop waste into goods that have value and are economically useful for the community. The difference between this study and previous research is that it examines the application of waste banks to the Islamic view. Garbage banks are also based on the application of the meaning of the hadith that cleanliness is part of faith.

Based on this problem, the researcher is interested in conducting research on the actualization of the meaning of cleanliness as part of faith in improving environmental health through the waste bank program.

2. Method

The research method applied in this research is descriptive method. Descriptive analysis method is carried out by describing the facts which are then followed by analysis, not merely describing, but also providing sufficient understanding and explanation.

Techniques in collecting data in this study include observation and documentation studies. Researchers took one type of descriptive research, namely Survey. The survey is a study of relatively limited data collection from a relatively large number of cases. This study aims to collect and analyze

information about waste banks as a medium for waste management to support environmental cleanliness. This the concept can be actualized in the meaning of the hadith about cleanliness as part of faith.

3. Findings and Discussion

Islam embraces all aspects of life holistically, one of which is the environment. The environment is a sign of the power and greatness of Allah SWT as a place for human social interaction and transactions. Humans as the subject of carrying out environmental functions have the potential to damage the environment. Determining the attitude of a Muslim towards the environment should have a reference to understanding and implementing the meaning of the Qur'an and hadith. In QS. Ar-Rum: 41 environmental damage can occur because humans do not guarantee environmental balance. One of the behaviors that damage the balance of the environment is the lack of awareness in handling waste. This behavior is contradictory to the values of Islamic teachings that are embraced by the majority of the Indonesian population, which actually places cleanliness as one of the priorities in carrying out religious life. The implementation of cleanliness is one of the signs of faith [4]. This relates to one's faith which becomes complete if one can maintain cleanliness [2]. Cleanliness in Islam is highly recommended by the Prophet Muhammad, because by doing cleanliness will avoid several diseases that cause daily activities to be disrupted, especially in worship. Just as if you want to pray, the first thing to pay attention to is to purify yourself first, both from the body, clothes and place [21]. Relying on the meaning of *taharah*, the behavior of always keeping the environment clean by throwing garbage in its place is one of the commendable morals.

The current era actually requires people who have the awareness to maintain and develop the environment. The goal is to make people's lives more healthy, comfortable and prosperous. The importance of maintaining the environment is certainly based on the reality of environmental damage, especially littering and not being managed properly. Waste management aims to improve the quality of the environment and make waste a resource [11]. As humans, there are many things that can be done to create cleanliness as the implementation of the hadith on cleanliness as part of a sign of faith, namely managing waste [25]. One of the ways to manage waste can be done with one of the waste bank programs. The Waste Bank has been designated as one of the national programs in waste management in Indonesia. The existence of a waste bank as a place for waste management is one of the efforts to overcome the problem of waste accumulation. A waste bank is a place used to collect sorted waste. The main purpose of establishing a waste bank is to deal with waste management. Garbage banks will function optimally if the government also participates in socializing the role of waste banks and what are the benefits for the community.

The way the waste bank works is by sorting and distributing waste that has economic value to the community so that the community gets economic benefits from collecting waste. Waste banks will function optimally and will be able to answer waste problems in our country if the government wants to be involved in socializing, making people aware, and helping market the results of waste management [17]. Thus, through the Waste Bank, social engineering will be created among the community to wisely manage waste and be more concerned with the environment. As a Muslim it is obligatory to maintain personal hygiene by ensuring that the body, clothes and environment are clean. Islam views cleanliness as one of the main priorities in carrying out religious beliefs.

Al-Qardawi who is an Egyptian cleric explained that concern for cleanliness including environmental cleanliness is one of the worships that must be fulfilled by every Muslim [8]. This means that participating in waste management, one of which is through the Waste Bank, is a form of worship. Through the hadith narrated by Muslim No. 232 related to cleanliness which is considered part of faith, so the implementation of faith is worship. One form of implementation of the hadith is managing waste through a waste bank in order to maintain environmental cleanliness.

The steps in maximizing the role and function of the waste bank so that its benefits can be widely felt in the community are [19]:

1. Socialization.

Socialization is important to do as an introduction to the wider community about the Waste Bank, its objectives, management flow and benefits. The goal is to increase community participation in the Waste Bank program.

2. Technical training.

After the Waste Bank is established through community agreement, it is necessary to carry out technical training. The technical training includes administrative, sorting, weighing and saving activities carried out by managers agreed to by the community.

3. Implementation.

Communities who wish to participate are advised to register themselves as members of the program and are given a passbook and then deposit their waste according to the agreed day.

4. Monitoring and evaluation.

Community organizations or local village officials are tasked with controlling the activity process at the Waste Bank. These parties can understand the problems of obstacles and solutions for problem solving so that the program can continue to run well.

5. Development.

The Waste Bank can be developed into a savings and loan unit for the community as its customers. The savings and loans can be in the form of savings and loans for groceries, trading businesses and so on.



Fig. 1. (a) Waste Bank sorting, (b) Waste Bank results in the form of shredded plastic (Source: Malang Times, 2019)

Based on the description above, the process of establishing a Waste Bank is quite easy to implement in various cities or districts in Indonesia [24]. In addition to having a positive impact on the environment, the waste bank has the potential to foster community creativity, by recycling waste into items of high economic value, such as newspapers that are turned into paper pulp and reprinted into flower vases, cocacola bottles that become decorative lights, plastic coffee/candy wrappers into shopping bags, thereby increasing the community's creative economy [10].

The existence of a Waste Bank by involving the community indirectly will shape intelligent behavior in managing waste in the community and concern for waste management and the environment. The work program is one of the implementations of the meaning of the Hadith of Cleanliness as part of Faith. Muslims will avoid the negative stigma as people who are dirty, don't care about cleanliness [28]. In addition, the managed waste is able to generate income for the community, it is hoped that if creative waste bank customers are able to change the use value and economic value of waste, it will not only benefit their family's economic improvement. But also for the wider community, with the hope that the creative economy will open up job opportunities for the community [9].

4. Conclusion

One of the ways to manage waste can be done with one of the waste bank programs. The Waste Bank has been designated as one of the national programs in waste management in Indonesia. The

existence of a waste bank as a place for waste management is one of the efforts to overcome the problem of waste accumulation. This concept is a form of actualization of the meaning of the hadith about cleanliness as part of faith. Waste Banks are one of the efficient alternative solutions in improving environmental health as an actualization of the meaning of Islamic teachings. This study recommends the importance of counseling to Muslim audiences that maintaining cleanliness is not enough but it is necessary to have waste management from each community as a producer of waste.

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REFERENCES

- [1] Aboul-Enein, B. H. (2018). The earth is your mosque: narrative perspectives of environmental health and education in the Holy Quran. *J Environ Stud Sci.* 8 (1). 22–31. https://ideas.repec.org/a/spr/jenvss/v8y2018i1d10.1007_s13412-017-0444-7.html
- [2] Agustina, A. (2021). Perspektif hadis nabi SAW mengenai kebersihan lingkungan. *Jurnal Penelitian Ilmu Ushuluddin*, 1(2): 96-104. <https://doi.org/10.15575/jpiu.12206>
- [3] Ailah, M. (2019). Aktualisasi makna al-tuhuru shatru al-iman melalui bank sampah dalam meningkatkan kesehatan lingkungan. *Raushan Fikr.* 8(1), 63-82. <https://doi.org/10.24090/jimrf.v8i1.3055>
- [4] Al-Gazali, A. (2016). *Percikan Ihya Ulumuddin: Rahasia Bersuci*. Jakarta: Mizan
- [5] D'Amato, A., Mancinelli, S., Zoli, M. (2016). Complementarity vs substitutability in waste management behaviors. *Ecological Economics*, 123), 84–94. <https://doi.org/10.1016/j.ecolecon.2015.12.005>
- [6] Dewanti, M., E. P. Purnomo dan L. Salsabila. (2020). Analisa efektifitas bank sampah sebagai alternatif pengelolaan sampah dalam mencapai smart city di kabupaten Kulon Progo. *PUBLISIA: Jurnal Ilmu Administrasi Publik*, 5(1), 21-29. <https://doi.org/10.26905/pjiap.v5i1.3828>
- [7] Feo, G., Ferrara, C., Iannone, V., Parente, P. (2019). Improving the efficacy of municipal solid waste collection with a communicative approach based on easily understandable indicators. *Science of The Total Environment*, 651 (2), 2380–2390. <https://doi.org/10.1016/j.scitotenv.2018.10.161>
- [8] Ghufran, A., & Saharuddin. (2007). Islam dan Konservasi Lingkungan. *Millah*, 18 (2), 55–75.
- [9] Gottlieb, R. S. A. (2011). *Greener faith: religious environmentalism and our planet's future*. New York: Oxford University Press
- [10] Gunartin, E. Mulyanto, D. Sunarsi. (2020). The Role Analysis of Waste Bank in Improving the Community's Creative Economy (Study at Ketumbar Pamulang Waste Bank). *Budapest International Research and Critics Institute-Journal (BIRCI-Journal)*, 3(4). 3262-3269. <https://doi.org/10.33258/birci.v3i4.1360>.
- [11] Hartono, Y., D. Mardhia, W. Ayu, dan R. Masniadi. (2020). *Pengelolaan dan pemanfaatan sampah berbasis rumah tangga*. Malang: Literasi Nusantara
- [12] Kidalov, S., V. Vitiv, L. Golovko, V. Ladychenko. (2020). Legal regulation of waste management in ukraine on the way to european integration. *European Journal of Sustainable Development*, 9 (2). 422-430 <https://doi.org/10.14207/ejsd.2020.v9n2p422>
- [13] Linda, T. M. (2021). *Ecobrick solusi penanganan sampah plastik*. Jakarta: CV. Graf Uterasi
- [14] Makmun, Nenny. (2019). *Sahabat sampah, alam bersahabat hidup menjadi nyaman*. Jakarta: Bhuana Ilmu Populer
- [15] Minelgaitè, A., & Liobikienè, G. (2019). Waste problem in European Union and its influence on waste management behaviours. *Science of The Total Environment*, 667 (1). 86-93. <https://doi.org/10.1016/j.scitotenv.2019.02.313>

- [16] Mokhtar, M. I., R. Abdullah, A. Baharuddin. (2015). An Islamic perspective on water quality: a case of Malaysia. *Water Policy*, 17 (3). 454–471. <http://dx.doi.org/10.2166/wp.2014.167>
- [17] Nugraha, A., Sutjahjo, S. H., & Amin, A. A. (2018). Analisis persepsi dan partisipasi masyarakat terhadap pengelolaan sampah rumah tangga di Jakarta Selatan. *Jurnal Pengelolaan Sumberdaya Alam dan Lingkungan (Journal of Natural Resources and Environmental Management)*, 8(1), 7–14. <https://doi.org/10.29244/jpsl.8.1.7-14>.
- [18] Perrot, J.-F., & Subiantoro, A. (2018). Municipal waste management strategy review and waste-to-energy potentials in New Zealand. *Sustainability*, 10 (9), 3114. <https://doi.org/10.3390/su10093114>
- [19] Prastyo, D., Purnomo, A. B., & Rahayaan, T. I. (2017). Pelaksanaan program bank sampah dalam sistem pengolahan sampah di desa Jogodalu Kecamatan Benjeng Kabupaten Gresik. *Jurnal Penamas Adi Buana*, 1(6), 1-10. <https://www.jurnal.unipasby.ac.id/index.php/penamas/article/view/683>
- [20] Riwukore, J. R. and F. Habaora. (2019). The concept of strategy for garbage management in the Kupang City, Indonesian. *Saudi Journal of Humanities and Social Sciences*, 4 (6). 395-400. <http://dx.doi.org/10.21276/sjhss.2019.4.6.1>
- [21] Rohmah, S. N. (2017). *Konsep kebersihan lingkungan dalam perspektif pendidikan islam*. Salatiga: IAIN Salatiga
- [22] Saragi, S., K. Sinaga and Budiman Purba. (2020). The role of the government in community empowerment through waste bank management. Dharmawangsa. *International Journals of The Social Science, Education and Humanities*, 1(2). 130 – 14. <http://dx.doi.org/10.21276/sjhss.2019.4.6.1>
- [23] Stoeva, K., Alriksson, S. (2017). Influence of recycling programmes on waste separation behaviour. *Waste Management* 68, 732–741. <https://doi.org/10.1016/j.wasman.2017.06.005>
- [24] Suryani, A.(2014). Peran bank sampah dalam efektivitas pengelolaan sampah (studi kasus bank sampah Malang). *Aspirasi*, 8(1),171-84. <https://doi.org/10.46807/aspirasi.v5i1.447>
- [25] Utami, E. (2013). *Buku panduan sistem bank sampah & 10 kisah sukses*. Jakarta: Yayasan Unilever Indonesia
- [26] Wildawati, D. dan E. Hasnita. (2019). Faktor yang Berhubungan dengan Pengelolaan Sampah Rumah Tangga Berbasis Masyarakat di Kawasan Bank Sampah Hanasty. *Jurnal Human Care.*, 4 (3): 149-158. <http://dx.doi.org/10.32883/hcj.v4i3.503>
- [27] World Bank. *Global Waste on Pace to Triple by 2100*. (2013) Retrieved from: www.worldbank.org/en/news/feature/2013/10/30/global-waste-on-pace-to-triple.
- [28] World Health Organization. (2006). *Working together for health : the world health report 2006 : overview*. Retrieved from: <https://apps.who.int/iris/handle/10665/69256>