



Efforts to Increase Youth Awareness of Environmental Cleanliness and Creativity in Tebing Tanjung Selamat Village, Padang Tualang District, Langkat Regency

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Abstract. This service activity aims to increase the basicity of youth and increase creativity in protecting the environment. The method of implementing youth service activities to form characters who care about the surrounding environment and support the field of creativity in Tebing Tanjung Selamat Village, Kec. Tualang Field. The program requires physical and mental readiness, as well as knowledge and skill readiness. With this service activity, the relationship between higher education institutions as a source of knowledge and the community is getting better so that handling in various fields of development will be integrated.

Keywords: Environment, Education, Recycling.

Article history: Received: 26-1-2023; Revised: 25-3-2023; Accepted: 21-7-2023; Available online: 15-8-2023

How to cite this article: Nasution, L., Kemal, I., Prayogi, M.A., Alfarizi, R. (2023) Efforts to Increase Youth Awareness of Environmental Cleanliness and Creativity in Tebing Tanjung Selamat Village, Padang Tualang District, Langkat Regency. *Journal of Community Research and Service*, 7(2).

1. Introduction

Tanjung Selamat Cliff Village is one of the villages in Padang Tualang District, Langkat Regency. It can be said that the people of Tebing Tanjung Selamat Village are people who are responsive to change and progress, including in the field of animal husbandry. The people in this village have a high level of social life, this is evidenced by the ongoing tradition of gotong royong. The process of building houses, celebrations, and several holiday celebrations is proof of the cohesiveness and togetherness of the residents in Tebing Tanjung Selamat Village. Another proof that the residents of Tebing Tanjung Selamat Village have a high level of social life is the persistence of various religious rituals held in congregation, such as Yasinan, tahillan, jamiyah sholawat, and various other similar activities. The majority of Manunggal Village residents, 80%, are engaged in industry. The residents work as furniture makers, casual daily labourers, and private workers.

In Tebing Tanjung Selamat Village, there are several problems that occur in teenagers who lack awareness of the environment, community businesses lack buyers, lack of environmental cleanliness, local children's lack of interest in learning and the presence of unused vacant land.

The solution to the problem of Tebing Tanjung Selamat Village is by conducting a lesson on using cup glass waste as a vertical planting media container. Tanjung Selamat Cliffs Village which aims to build youth awareness of environmental cleanliness to clean the mosque located in the village. Motivate elementary school children in Tebing Tanjung Selamat Village with outreach to keep the school and classroom environment clean.

2. Method

The method of implementing community service activities is to carry out activities related to assisting in efforts to break the Covid-19 chain and support the education sector in Manunggal Village, Kec. Labuan Deli. This activity immediately went into the field by implementing health protocols. The activities consist of:

1. Make a trash can from an unused paint bucket.
2. Participating in monthly recitation activities at the Al-Mukmin Agra mosque to blend in more with the community.
3. Conduct socialization about organic and inorganic waste.
4. Cleaning the Al-Mukmin Mosque.
5. Utilizing Cap Glass Trash to be a place for vegetable.

3. Result and Discussion

As for the activities carried out, starting from:

- a. Request permission from the head of the Tanjung Selamat Cliffs to perform community service and describe the activities to be carried out.

In Manunggal Village there are many people who are less concerned about wearing masks outside the home. This is due to a lack of knowledge and public awareness of the importance of using masks in breaking the transmission cycle. It is hoped that this activity of providing masks can help provide understanding and break the cycle of virus transmission. This is in accordance with the opinion of Atmojo et al., (2020) who stated that the transmission of Covid-19 through droplets containing the virus or airflow (aerosol) is the main route that causes the virus to spread and has high transmission power, when a pandemic occurs it is very important to control the source of infection. Various experimental studies have reported that medical and N95 surgical masks can protect the wearer from various infections or the possibility of transmitting infections.



Fig. 1. Cleaning the Mosque.

- b. Gotong-royong to Clean the Mosque. This activity was carried out at the Al-Mukmin Mosque in Sumur boor 1 hamlet together with the youth.

The mechanism of its activities is to collect trash that is found around the village community's homes and separate it from organic and non-organic waste. The importance of keeping the environment clean needs to be done because there are many impacts of waste such as flooding, being a vector of disease and so on.

In designing mosque architecture, cleanliness and purity are the main considerations, because cleanliness and purity for a Muslim have a very strong basis in Islamic teachings. Cleanliness and purity is one of the prerequisites before carrying out prayer services. Therefore, the architectural design of the mosque will greatly determine the level of cleanliness and sanctity of the mosque in question.



Fig. 2. Socialization of Environmental Hygiene.

c. Socialization about Environmental Cleanliness to Elementary School Children so they can distinguish between organic and inorganic waste which this activity can build children's awareness in efforts to protect and care for the surrounding environment.

Environmental cleanliness is the cleanliness of residences, places of work, and various public facilities. Residential hygiene is carried out by wiping windows and household furniture, sweeping and mopping floors, washing cooking utensils and cutlery (eg with ashes), cleaning bathrooms and latrines, and disposing of trash. Environmental cleanliness starts with keeping the yard and gutters clean, and cleaning the path in front of the house from trash.



Fig. 3. Vegetable planting learning.

Indonesian people's fruit and vegetable consumption in 2016 has decreased and consumption is inadequate. The data recorded by the Indonesian population only consumes 43% of the recommended amount, meaning less than half of consumption.



Fig. 4. Provision of liquid organic fertilizer.

The impact of fruit and vegetable shortages is certainly not in the short term. The content in fruits and vegetables is needed by the body. Fiber, for example, will help slow the absorption of sugar so that the sugar level in the body is not excessive and stable so that it can prevent diabetes mellitus and other blood vessel diseases. Lack of vegetables and fruits can cause digestive disorders, namely defecation becomes not smooth, it is estimated that deaths from the digestive tract are 14 percent, deaths from coronary heart disease are 11 percent, and deaths from stroke are nine percent.

Making liquid organic fertilizer especially from household organic waste with the addition of EM4 (Effective Microorganisms) bioactivator aims to determine the effect of manufacturing time on the N, P, K, and C content in liquid organic fertilizer, as well as determine the effect of EM4 bioactivator on the N, P, K, and C in liquid organic fertilizer. Method For the manufacture of liquid organic fertilizer, household organic waste such as vegetable scraps, fruit peels, and others are separated from inorganic waste. Then the EM4 bioactivator was prepared in a sprayer. The organic waste is chopped and put into the composter, the EM4 bioactivator solution is then sprayed evenly into the composter.

4. Conclusion

From the results of the activities that have been carried out can be concluded that: 1) This community service aims to raise public awareness about the importance of keeping the environment clean as it is today. 2) The program requires physical and mental readiness, as well as knowledge and skill readiness so that the program can run smoothly. 3) The people of Tebing Tanjung Selamat Village were very enthusiastic in participating in the counseling. 4) Make good use of previously unused land and serve as a living pharmacy garden. 5) With this service activity, the relationship between higher education institutions as a source of knowledge and the community is getting better so that handling in various fields of development will be integrated.

From the results of the activities that have been carried out, it is necessary to follow up on the work programs that have been implemented, such as caring for living pharmacy plants by watering them every day.

Acknowledgments. Thank you to Mr. Mukhlisin as the Village Head who has received us well and also thank you to the hamlet head who has helped a lot in community service activities and the office staff in Manunggal Village who have welcomed us.

References

- [1] Aly, A. H., Andry, A., Zufahmy, A., arifin, F., Kumalasari, I., Noviyanti, L dan Anggraeni, W. F. (2021). "Apotek Hidup" sebagai Upaya Peningkatan Kesehatan Masyarakat dalam mencegah Penyebaran Covid-19. *Jurnal Pembelajaran Pemberdayaan Masyarakat (JP2M)*. Vol. 1 (4).
- [2] Atmojo, J.T., Iswahyuni, S., Rejo, R., Setyorini, C., Puspitasary, K., Ernawati, H dan Mubarak, A. S. (2020). Penggunaan Masker dalam Pencegahan dan Penanganan Covid- 19: Rasionalitas, Efektivitas, dan Isu Terkini. *Journal of Health Research*. Vol 3 (2).
- [3] Hasibuan, R., Purba, R., C dan Budianto, S. 2021. Penyemprotan Desinfektan sebagai Upaya Pencegahan Penyebaran Covid-19 di Musholla Sadar Kelurahan Dwikora Medan. *Jurnal Abdimas Mutiara*. Vol. 2 (1).
- [4] Roanisca, O., Mahardika, R. G dan Mayasani, N. 2021. Pendampingan Pembuatan Disinfektan dan Pembersihan Lingkungan dalam Upaya Pencegahan Covid-19 di Kelurahan Parit Padang Kecamatan Sungailiat Kabupaten Bangka. *Dharma Pengabdian Perguruan Tinggi (DEPATI)* Vol. 1(1).
- [5] Wahyuni, W dan Fatmawati, S. 2020. Peningkatan Pengetahuan PBHS dan Penerapan Cuci Tangan dalam Upaya Pencegahan Covid-19 pada Santri di Lingkungan Pondok Pesantren. *Jurnal Pengabdian Kepada Masyarakat* Vol. 4 (2).