

Increased Understanding and Role of the Community in Handling Waste in the Village of West Doom, Sorong Islands District

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ABSTRACT

Increased settlement numbers and population development can trigger an increase in the amount of waste produced in the environment. The purpose of the activities carried out is to improve people's understanding of the importance of environmental cleanliness and their involvement in cleaning and maintaining the environment. The methods used in this devotion are methods of socialization and participation. With this method, we invite the public to understand and be involved in maintaining the cleanliness of the surrounding environment, both on land and in coastal areas. The results obtained by the community are quite enthusiastic and play an active role in these activities. It is hoped that the community is not only involved when there are joint activities with campuses and other institutions, but this can be a shared culture in the western village of catastrophe. Clean and healthy living is the key to a clean environment.

Key words: Community Roles, Waste Management, West Doom Complaints.

INTRODUCTION

Since the Dutch occupation, Doom Island has been recognized and inhabited. Since the 1800s, the Dutch began to be interested in Doom Island, and in 1935, Doom Island was designated as the central capital of the Sorong government (Johansz; et al., 2019). With the largest area of the total area of the archipelago's funnel district, the eastern doom has only an area of 45.10 Km² or 22.54%. With a small area of western doom, it is a very densely populated village compared to other villages, with 5,635 people. (Badan Pusat Statistik Kota Sorong, 2019).

Settlement development is part of overall urban development influenced by the development of various factors such as economic, social, cultural, technological and natural conditions (Yudohusodo, 1991). With the increase in the number of settlements and population, there is also an increase in waste generated from settlements. Under Law No. 18, 2008, garbage is the rest of human daily activities and/or solid natural processes. A type of waste is divided into three, namely organic waste, inorganic waste, and hazardous waste, according to Kuncoro Sejati, 2009 in (Ariyanti et al., 2021).

Increased knowledge of the need for integrated and sustainable environmental management for future survival is necessary for the survival of people living on Indonesia's coastal and small islands. People living on small islands rely on coastal and marine conditions, so public awareness must be raised simultaneously. However, densely populated coastal populations and low levels of education are obstacles to community development and talent. As a result, people's knowledge and understanding of environmental management have been a long-standing issue that requires solutions.

In Indonesia, people living on small islands are still lacking in adequate coastal environmental management. Beaches are often considered dirty and unhealthy. Furthermore, the paradigm of coastal communities is in line with the assumption that garbage will disappear by itself when thrown into the sea. Waste dumped into the oceans will harm marine and coastal ecosystems.

Based on the results of the initial survey conducted, there are still many household wastes that are widely found in coastal areas and in the surrounding environment. This garbage not

only comes from the local community but also comes from the city of Sorong, which is carried by currents or ocean waves (Mustain, 2018). With such problems, the purpose of this devotional activity is how to improve people's understanding of the importance of environmental cleanliness and its involvement in clean activities and maintaining the environment.

METHOD

Community service activities were held in the Village of Doom Barat on July 12, 2021, carried out by socialization methods and participatory methods.

Socialization

This method is used to provide understanding to the public about how important it is to maintain environmental cleanliness and how to handle waste properly.

Participatory

This method is used to invite the community to participate together to play an active role in creating a clean environment.

RESULTS

Community service activities are carried out by the team, followed by the community in the village of Doom. Community involvement is very good in participating in this activity. The devotional team, together with the community, cleaned the area from the settlement to the village office. Before cleaning the environment, socialization is first done to improve people's understanding of the importance of environmental cleanliness and proper waste handling.

DISCUSSION

Doom Island is one of the islands that has a very dense population and settlements. With a dense population, the waste produced is also very high. It needs to be done with good waste management and handling. Doom Island is an island that has historical value, so it is necessary to maintain the beauty of the island, for it is important to build public awareness of environmental cleanliness and proper waste handling.

Activities for Maintaining the cleanliness of the beach and the environment of West Doom Village *Planning*

Activity planning is carried out through coordination at the faculty level to prepare plans for community service activities carried out in Doom Village, Sorong Islands District. Coordination is carried out to discuss what programs will be implemented, as well as targets to be achieved. On May 5, 2021, the joint coordination meeting also determined the number of students who would be involved in the activity.

In addition to talking about the number of students who will be involved, they also regulate transportation facilities, equipment, and materials that will be used in the community service process. Considering the location of the devotion that must be taken by land or sea route.

a. Survey

The survey of the location of the activity was conducted on May 11, 2021. This activity is intended to review the location that will be used as an area of community service. This survey activity was conducted by a community service team.

b. Joint coordination with the village of Doom Barat

After conducting the survey, coordination was conducted with the village to discuss the activities to be carried out. In the talks, we conveyed the license of activities and programs that will be carried out.

c. Preparation

The devotional activity was held on July 12, 2021. Preparations began at 07.00 WIT. Participants from the UKiP campus, consisting of 7 lecturers and 25 students, travelled from the crossing pier to the crossing pier on Doom Island. The team crossed for approximately 15 minutes using a sea taxi "local community term" for sea crossing transportation. After arriving at Doom pier using two sea taxis, the team was directly led

to the village office to meet with the mother. After the team was greeted by the mother of the village head, the team was directed to the location of the activity in the west Doom village. Arriving at the location before the activity began, which was opened by the mother of the team, they first introduced themselves to the leaders and employees of the village and the local community.

d. Activity Implementation

The implementation of the activity was carried out precisely at 09.00 WIT on July 12, 2021, in the activities carried out by the team providing an understanding of how important it is to maintain environmental cleanliness and the negative impacts that can be caused by the environment that is not well maintained. After the team socialized, they cleaned up the garbage in the village of West Doom, starting from the coast and working their way up to the village office environment. The garbage found is then collected and put in a garbage bag that has been prepared and then the garbage is disposed of in its place. Plastic waste that is difficult to rot and cannot be recycled is done by burning.

e. Cover

After completing the clean-up activities at 13.00 WIT followed by the signing of news of the event activities by lecturers and villages. Then the lecturers and students return to the campus and their respective homes.

CONCLUSIONS AND RECOMMENDATIONS

Environmental cleanliness cannot be created by itself but requires the role of the community in maintaining the cleanliness and beauty of the environment where they live and the coastal areas of the island where they live. Doom Island, as an island that has historical value, deserves to be kept clean so that it can attract visitors for years to come. Suggestions that can be conveyed from this activity are:

1. Raise public awareness of the importance of environmental cleanliness at all times.
2. Conduct regular environmental hygiene activities every month for 2 months. That can increase public awareness.
3. Make informational boards about how to keep your home clean.

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APPENDIX



Figure 1. Sorong Doom Crossing Transport



Figure 2. Service team meeting with the village head



Figure 3. Environmental cleaning activities and village office areas



Figure 4. Socialization



Figure 5. Shared photos



Figure 6. Event News Submission

