

CREATING A RESILIENT COMMUNITY COVID-19 WITH CATFISH FARMING AND VEGETABLE HERBS IN THE EMPTY LAND BELONGING TO THE DURI CILIK GARBAGE BANK

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Abstract - *Real Work Lecture (RWL) is a student service through various activities directly in the midst of the community. Students have a strategic role as agents of change. Therefore, the Mandiri RWL UIN Sunan Kalijaga student group 52 batches of 105 strive to serve the community and are actively and creatively involved in the dynamics that occur in the community of Surobayan hamlet, Argomulyo village, Sedayu sub-district, Bantul, DIY. Various efforts were made such as providing assistance for empowerment, training, mentoring, mentoring and to realize their potential, as well as help improve the quality of life and development. This RWL batch of 105 is different from the previous RWL where the RWL is currently in the midst of the COVID-19 pandemic. In this article, the flagship program is taken, namely "Cultivation of Catfish and Vegetable Herbal Plants in Empty Land of the Little Duri Waste Bank" with the aim that the Surobayan community understands and understands how to use the existing vacant land as a place for catfish cultivation and also plants. Hopefully with this program, it can add insight to the community in the field of fisheries and also the environment, especially the people of Surobayan to want to do business in the field of cultivation with the aim of improving the welfare and economy of the Surobayan community. With the results, the community already knows how to cultivate catfish and also plants with relatively minimal costs and also the cultivation of catfish and herbal plants has quite good potential even though the capital expenditure is not so much.*

Keywords: *Cultivation of catfish, vegetable herbal plants, pandemic/covid19, community..*

1. INTRODUCTION

Students are part of the community as well as students who are studying at a college. A final level of formal education before jumping into society after completing his studies. Students are often said to be agents of change because they are expected to play an active and contributive role in society. So, there is a need for community service training within a certain period of time. Community service itself has been contained in the Tri Dharma Of Higher Education, namely education and teaching, research, and community service. Therefore, every University including State Islamic University (UIN) Sunan Kalijaga Yogyakarta has a commitment to implement tri dharma higher education. One of the applications of community service manifested in the Real Work Lecture (RWL).

Based on the above, RWL group 52 UIN Sunan Kalijaga Yogyakarta 105th generation located in Surobayan Hamlet, Argomulyo Village, Sedayu Subdistrict, Bantul Regency, DIY observes and analyzes the problems that exist in the local community. The covid-19 pandemic is one of the problems that greatly impact people's lives in the social, economic, religious, educational and technological fields. Many people are also constrained by the use of technology where after a pandemic forces people to be more proficient in using technology and others.

The excellent work program taken in this scientific article is the procurement of leledan fish seeds as well as vegetable herbal plants in the empty land of *duri cilik* garbage bank. This form of community service is a work program or activity, one of which can increase people's understanding of cultivation that can make a business, and potentially high because there is no community that tries to cultivate catfish and also the herbal plant. Especially to deal with the current situation. This activity is also expected to help the community in improving the economy.

2. METHOD

Real Work Lecture (RWL) Mandiri UIN Sunan Kalijaga Yogyakarta Force 105 begins with RWL debriefing activities followed by RWL participating students with RWL Integration-interconnection materials and the creation of work program plans. This RWL debriefing is carried out with an online system through zoom and youtube applications. The debriefing of RWL aims to provide an overview to students of RWL participants about how the implementation of RWL in the community will be carried out, as well as about the condition of the community at the RWL location.

The release of RWL Mandiri UIN Sunan Kalijaga Yogyakarta Force 102 was held on July 13, 2021 conducted online. The release from LPPM UIN Sunan Kalijaga was carried out as a formality of the implementation of RWL from UIN Sunan Kalijaga. Observasi becomes the initial stage in determining the Work Program Plan both collectively and individually. Observation of the condition and situation of the community and environment of Surobayan Hamlet was conducted on June 21, 2021. Because with observasi will be obtained information about the problems and needs that exist in the community. This observation was carried out by way of observation

and direct research into the field, as well as interviews with both the Village Head and the Head of Dukuh, community leaders and local residents. The preparation of the Work Program Plan is based on the results of observation of community conditions and problems that have been obtained during observation.

3. RESULTS AND DISCUSSIONS

A. Workflow of Work Program Implementation

1) Planning stage

The planning phase was carried out after seeing the opportunities available, namely vacant land that has not functioned since the last 2 years calculated from 2021. The location of this empty land is adjacent to the garbage bank, after which we coordinate with the local dukuh father to hold several programs, namely the procurement of catfish seedlings and also the procurement of herbal plants and vegetables.

2) Socialization Stage

At this stage of socialization our group carried out by submitting several catfish seed proposals to the Yogyakarta Special Region fisheries service and also the proposal of plant seeds to the Yogyakarta Special Region agriculture office.

3) Purpose and purpose

This activity is carried out with the intention and purpose that the people of Surobayan understand and understand how the cultivation of catfish and also vegetable herbs. Hopefully with this program can add insight to the community, especially cultivation and motivate the people of Surobayan to want to pursue business in the field of cultivation with the aim of improving the welfare and economy of surobayan society.

4) Goal

The target of this activity is the surobayan community, especially those who want to try new businesses.

5) Implementation stage

Procurement of fish seedlings is carried out in conjunction with the planting of vegetable herbal plant seeds because the location is in conflict. For the procurement of fish seedlings is carried out with several stages, as follows: the beginning of the implementation of this program with a survey of ponds as well as vacant land on July 18, 2021 with the aim of seeing whether the pond is still suitable for use, and the pond is leaking or not, the second stage of the implementation of this program is to clean the pond and also vacant land conducted on July 24 and 25, 2021 starting at 07.00-12.00 WIB, Its activities are in the form of pool cleaning, checking the condition of the pool and also clearing the land. But because of the rain, land clearing was carried out on the next day precisely on July 25, 2021.

In accordance with the planning stage should be directly held procurement of fish seedlings, but because there has been no response from the ministry of fishing, the procurement of fish is delayed for the next few days waiting for a response from the fisheries service. Running time and also there was no response then finally we held a meeting which then decided to buy our own fish seedlings. The fish seeds we buy are catfish seeds with a budget of Rp. 100,000 getting seeds as many as 100 tails on July 27, 2021. The release of fish seedlings was carried out on July 28, 2021 at 07.00 - 11.00, this activity went smoothly and well. For the fish feeding schedule we decided to alternate between members every day, feeding is done 2x in a day.

Then regarding the planting of vegetable herbal plants our group did inaccordance with the planning stage should be directly held planting of vegetable herbal plants, but because there has been no response from the agricultural service, crop planting was delayed for the next few days waiting for a response from the agricultural service. The passage of time and also there was no response then finally we were a group of meetings and discussions that then decided to buy plants. Seeing the type of soil and soil conditions we changed the initial planning that was originally a program of planting herbs into vegetable planting, we decided to buy vegetable crops such as eggplant, celery, tomatoes and chili with a budget of Rp. 100,000 on July 27, 2021. This planting was carried out on July 28, 2021 at 07.00 - 11.00, this activity went smoothly and well. On August 14, we get information from the agency that the proposal received approval and received feedback in the form of 50 stems of guava seeds that we then planted on August 15 at 16:00-17:00. for the schedule of watering of plants we decided to alternate between members every day and plant watering is done 2x in a day.

6) Evaluation

The results that have been achieved by the procurement of catfish seeds and also the planting of herbal plants by utilizing empty land is that the community already knows how to cultivate catfish and also vegetable herbal plants with relatively minimal costs this is supported by and also the public already knows. Ingredients that are easy to get, catfish cultivation and also vegetable herbal plants have quite good potential even with not so much capital expenditure.

B. Supporting factors and inhibitory factors

1) The supporting factors of this pool are as follows:

- a) There is support from surobaran village devices and some youths to the program to be carried out.
- b) There is empty land that can be utilized against the program that will be carried out
- c) There is no business of catfish cultivation and also herbal plants so that the community can achieve good business opportunities if they want to pursue this business.

- 2) The inhibitory factors of making catfish lolam are as follows:
 - a) The condition of water sources is very minimal even though there is a lot of empty land.
 - b) At least the desire of the community to pursue business in the field of fisheries, especially the cultivation of catfish and also herbal plants.

4. CONCLUSION

RWL Mandiri group 52 UIN Sunan Kalijaga Yogyakarta took the flagship program that is "Catfish Cultivation and Herbal Plants In Empty Land Of Duri cilik Garbage Bank" which was held in surobayan hamlet, Argomulyo Village, Sedayu Subdistrict, Bantul Regency, DIY generally runs smoothly. RWL is held approximately 45 days from July 13 to August 31, 2021. The existence of this program with the aim to make the people of Surobayan understand and understand how to use vacant land and existing ponds as a place for the cultivation of catfish and herbal plants. Hopefully with this program can add insight to the community in the field of cultivation and motivate the people of Surobayan to want to pursue business in the field of cultivation with the aim of improving the welfare and economy of surobayan society. Therefore, as a form of student service RWL group52 to the community of Surobayan hamlet students try to solve these problems by finding various solutions.

The result of this work program is that the community already knows how to use vacant land and ponds with relatively minimal costs this is supported by and also the community already knows. Materials that are easy to get, catfish cultivation and herbal plants have quite good potential even with capital expenditures that are not much. Broadly speaking

Based on observations during RWL, it can be concluded that the people in Surobayan Hamlet are good enough to follow the activities. But the people of Surobayan hamlet still need some direction, guidance, and support from all parties involved in building the hamlet and its community for the better.

There're some suggestion for futher study:

- 1) For the community
 - 1) The people of Surobayan should continue the results of the implementation of the work program formed by RWL in order to continue to have abeneficial impact on the community.
 - 2) Surobayan village community always applies cohesiveness, harmony, gotong royong and help and mutual respect.
- 2) For students
 - a) Improve the attitude of cooperation between group members.
 - b) Apply the positives gained during RWL
 - c) Maintaining the sense of family that has been built during RWL
 - d) The knowledge and skills obtained during RWL are expected to be a provision later when plunging into the world of society.

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- 2) Argomulyo Village Chief
- 3) Head of Sedayu Subdistrict
- 4) Field Guidance Lecturer

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