

## Donation of School Supplies as an Effort to Increase the Spirit of Learning for Students Affected by Flood Disasters in Garut City

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### ABSTRACT

Disasters are a series of events that can threaten human life in various places, one of which is in Garut Regency which is an area with the Indonesia Disaster Prone Index ranked third in West Java Province, and one of the school facilities affected by the flood disaster in July 2022 is SDN 1 Sukaratu. This community service activity was carried out in July 2022 by providing school supplies for high school students whose homes were affected by flooding. The results of the evaluation, both questions and answers and observations of affected students, can carry out learning activities with their new equipment.

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## INTRODUCTION

West Java Province has an area of 35,377.76 km<sup>2</sup> which administratively consists of 27 regencies/cities covering 18 regencies, 9 cities, 627 sub-districts, and 5,957 villages. Natural conditions in West Java Province have a complex geological structure with mountainous areas in the middle and south, and lowlands in the north. The population density along with the complexity of the geographical conditions of the West Java region makes West Java Province have a high disaster risk. Based on the Indonesia Disaster Risk Index (IRBI) 2021, West Java Province has a risk index of 134.94 (medium).<sup>1, 2</sup>

Districts in West Java Province which are included in the level of risk of being prone to natural disasters are Garut Regency. Based on data from the Indonesia Disaster Hazard Index in 2021, Garut is in third position as a district with high vulnerability with a score of 185 at the West Java provincial level, this is because the Garut Regency area which has an area of 306,519.00 km from 42 sub-districts is at an altitude of 717 m above sea level. which is surrounded by Mount Karacak (1,838m), Mount Cikuray (2,821m), Mount Papandayan (2,622m), and Mount Guntur (2,249m).<sup>1</sup>

Recently, in July 2022, Garut Regency was hit by a flood that submerged dozens of villages spread over eight (8) sub-districts in Garut Regency, West Java Province on Friday 15 July 2022. The Garut Regency Regional Disaster Management Agency (BPBD) reported flooding triggered by heavy rains that occurred since Friday (15/7) night at 20.00 WIB. So that the Garut Regency government set Decree No. 362/KEP.415-BPBD/2022 dated July 16, 2022 regarding the Determination of Emergency Response Status for Floods and Landslides in Garut Regency, West Java Province. Meteril losses of 4,035 housing units were affected with 11 of them heavily damaged, 13 government offices moderately damaged, 10 government offices slightly damaged, 2 educational facilities units moderately damaged, and 3 educational facilities slightly damaged. In addition, at least 17,077 hectares of fish ponds belonging to affected residents were recorded. One of them is the State Elementary School (SDN) 1 Sukaratu, Banyuresmi District.<sup>3</sup>

This school facility is one of the educational facilities affected by the flood, so that the existing facilities and infrastructure at the school are flooded, so teaching and learning activities are temporarily suspended because they must be cleaned of dirt, mud and stagnant flood water. In addition to hitting school facilities, this flood also apparently submerged the residences of students at SDN 1 Sukaratu, there were 22 students affected by flooding at the school (SDN Sukaratu, 2022).<sup>4</sup>

The impact of this flood disaster caused the affected students to suffer damage and lose their school equipment such as notebooks, pencils, erasers, colored pencils, coloring books, and others due to being submerged and carried away by the flood currents. Therefore, we intend to make donations to affected students as an effort to increase students' enthusiasm for learning.

## IMPLEMENTATION AND METHODS

This donation activity for flood-affected students was held in July 2022 with the target of SDN 1 Sukaratu students whose homes were affected by floods. This community service activity is carried out by providing a set of stationery and learning equipment consisting of notebooks, pencils, ballpoints, rulers, drawing books, colored pencils, erasers, and others. The evaluation of this community service was asked directly to the affected students after being given school stationery equipment.

### Implementation Activities

The stages of implementing this community service activity are as follows:

#### Preparation

This stage is the initial stage of community service, previously the community service team conducted a survey and discussed with the school at SDN 1 Sukaratu, and asked for permission to carry out community service activities in July 2022. After receiving a positive response, the team then conducted a search for data related to the number students affected by flooding and what equipment is needed to support student learning activities. The next stage is to validate the data of affected students and survey the location where this service activity will be carried out.



Figure 1. Location of SDN 1 Sukaratu affected by Flood

After the survey was carried out, the team immediately carried out discussions related to the implementation of these activities. The team analyzes the needs for all affected students and designs the sources of costs, types and

distribution processes. It was agreed by the team for the activities carried out in the form of providing school equipment as an effort to increase the learning spirit of the affected students.

Next, the team prepared the equipment needed and discussed with the school the timing of the distribution to be carried out. It was agreed that the activity would be held on July 2022 at SDN 1 Sukaratu with representatives of several affected students.



Figure 2. Symbolic handing over of school supplies

## RESULTS AND DISCUSSION

Flood disaster can be defined as the inundation of a place caused by the overflow of water that exceeds the water disposal capacity in an area and causes physical, social and even economic losses. Flooding is a seasonal threat that occurs when water overflows from the river and then inundates the surrounding land area. Flood disaster events are generally caused by the intensity of rainfall for days with rainfall above normal, resulting in a high flow of water from tributaries or rivers so that it is no longer able to accommodate the water discharge resulting in river water overflowing to the land of residential residents.<sup>5</sup>

Community service activities with the theme "Donation of School Supplies as an effort to increase the spirit of Learning for Students Affected by the Flood Disaster in Garut" in July by providing school supplies for students affected by the flood disaster at SDN 1 Sukaratu. This community service was carried out by

1 chairman and 5 team members from the nursing and midwifery study program of STIKes Karsa Husada Garut.

This community service shows that the flood disaster made teaching and learning activities hampered, not only caused by educational facilities that were affected by damage to facilities in schools but students also experienced disasters in their homes so that the learning burden became higher. Losing school supplies for students is an obstacle in studying at SDN 1 Sukaratu, therefore, so that students are more enthusiastic in learning, the team provides school supplies in the hope of making affected victims even more enthusiastic about learning.

After being given school supplies, the students were then asked whether this activity made them more enthusiastic about learning or not, and the results of the evaluation showed that by giving this donation they were able to increase students' enthusiasm for learning even more.

### **CONCLUSIONS AND RECOMMENDATIONS**

After the team carried out community service activities for SDN 1 Sukaratu students who were affected by flooding in Garut Regency by providing school supplies for students, students could learn again with new equipment and be more enthusiastic about learning.

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