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**DISASTER MITIGATION EDUCATION AND DONATION DISTRIBUTION  
IN FLOOD-AFFECTED AREAS IN GEUDONG VILLAGE,  
SAMUDERA DISTRICT, NORTH ACEH REGENCY**

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**Abstract**

Devotion Education Mitigation Disaster and Distribution Donations in Affected Areas Flood in the Village Geudong Subdistrict Ocean North Aceh Regency implemented as effort mitigation disaster through approach educational, environmental, and social activities This motivated by the height risk flood consequence rainfall high rainfall, minimal area water absorption, as well as low awareness public in guard environment. Activities This involving 13 lecturers Lhokseumawe State Polytechnic during three week, with a series of programs such as socialization mitigation disaster flood, education to children, provision place trash, boards education and donations clothing. Method program implementation includes four stage, namely planning and licensing, preparation, implementation, and evaluation. The results of activity show that participation inhabitant Enough high, and this program succeed increase concern public to environment around. End from activity devotion This is handover donation to community and equipment as well as equipment For implementation worship at the mosque in Geudong North Aceh Regency.

**Keywords:**

*Education Mitigation Disaster , Distribution Donation .*

## **1. INTRODUCTION**

Flood is one of the disaster nature that often occurs in Indonesia, especially in the region with rainfall Rain height and system suboptimal water absorption. The cause covering Rain heavy, bad drainage, diversion function land, and low awareness public in guard cleanliness environment . Conditions This make water hard seeps and flows, so cause flooding that impacts activities social, economic, and health public.

Mitigation flood become step important For reduce risks and impacts disaster. Mitigation covers a series effort For pressing potential losses and increase capacity communities in the region vulnerable (Afrian, 2020; Irawan et al., 2022). This process should started with study risks that include identification danger and level vulnerability based on condition physique region as well as characteristics social public.

Subdistrict Samudera, North Aceh Regency, routine experience flood every years, especially consequence Cyclone Tropical The light that increases rainfall Rain with intensity high. Condition This aggravated nearby location river, limited water absorption, and low concern environment. The impact covering damage settlements, infrastructure, facilities general, and place worship such as mosques and meunasah, so that activity religious, social, educational and economic public disturbed. Besides cause material losses, flooding also had an impact psychological for residents, causing anxiety and disturbing routine daily they. Condition This emphasize importance education mitigation, preparedness society, as well as appropriate intervention from government and community local. Efforts together This become key For reduce risks and impacts flood in a way sustainable.

As form contribution academic and social, lecturer Major Business Lhokseumawe State Polytechnic carry out activity devotion in the form of education mitigation floods and drainage donations in the village Geudong. This program use approach educational, environmental, and social, with

participation active inhabitant through socialization, action environment and social programs in accordance condition field. Activities this also includes distribution donation mosque equipment for activities religious can walking normally again as well as can grow awareness and building preparedness public in a way sustainable to risk flood.

### **1.1 Education Mitigation Disaster**

Disaster natural is phenomena that are not can avoided, however the impact to life man can minimized through effort effective mitigation. Education mitigation disaster be one of strategy important in prepare society to be able to face threat disaster with adequate preparedness. According to Puska (2018), education mitigation disaster is the delivery process knowledge, skills, and attitudes that are purposeful For increase ability individual or community in face risk disaster.

Theory Resilience Theory explain that resilient community is community that has ability adaptation, learning from experience previously, and take advantage of source Power in a way effective For face situation crisis (Holling, 1973). In context mitigation disaster, theory This emphasize importance education as means For build capacity public so that they not only react moment disaster happen, but also be proactive in prevention and reduction risk. Education mitigation disaster can implemented through various methods, such as simulation disaster, outreach, and integration material disaster in curriculum school. According to Wisner et al. (2004), education and training mitigation disasters that occur in a way sustainable can form behavior preventive in society, which ultimately reduce loss consequence disaster. Besides that, approach participatory is also considered effective, because community involved direct in the educational process tend more aware will risks and more Ready face disaster (UNDRR, 2015).

With Thus, education mitigation disaster No only just giving information, but also the transformation process sustainable behavior. Efforts This need synergy between government, schools, organizations society, and media for

build awareness collective as well as create resilient community face disaster.

## 1.2 Distribution Donations and Their Roles.

Distribution donation or help social is one of the component important in strategy disaster relief, which focuses on fulfilling need disaster victim base like food, clean water , shelter stay temporary, and services health emergency. According to Wisner et al. (2004), the success of distribution help No only determined by the number donations given, but also by the system transparent distribution system This covers accurate recording, determination priority recipient assistance, and mechanisms clear reporting for assistance can until appropriate time to public affected. Without system good distribution, donations risky No evenly or even cause conflict social in the middle society that has affected disaster.

Besides that, effectiveness distribution donation very depends on participation active community local and good coordination between government, NGOs, and public local. Participation public enable the distribution process more efficient, because they understand condition field and needs urgent priorities. Involvement society can also increase sense of responsibility answer collectively, so that assistance received can used optimally and not misused. Coordination cross party This ensure that source limited power can utilized in a way fair and just targets, and reduce possibility overlapping overlap in distribution help.

More far, distribution effective donation No only fulfil need the victim's physical condition, but also has impact term long to resilience and capacity community. The aid distributed with Good can speed up the recovery process psychological and social, building trust between party giver and receiver assistance, as well as push awareness public For more Ready face disasters in the future. With Thus, distribution donation No only nature reactive as response emergency, but also become part from strategy mitigation ongoing disasters, which strengthen resilience community and provide public with ability

adaptation to threat disaster furthermore.

## 2. IMPLEMENTATION METHOD

Activity Devotion This implemented in the village Geudong. District Samudera, North Aceh Regency, with target affected communities floods in 15 Januari 2025, especially for congregation of the large mosque Sultan Malikussaleh. The method used use approach education mitigation disaster and distribution aid and donations For speed up recovery post disaster.

### **Stage Observation and Identification Need**

Stage This is step beginning in handling disasters that focus on **understanding condition field** and analysis need public affected. Service team do observation direct For identify level damage and needs urge community, specifically mosque congregations such as water machine, water tank, prayer mat, fan wind and equipment others. Observation also includes collection information about level knowledge public related mitigation disaster, so that education and distribution programs help can customized with condition real in the field.

### **Stage Determination Place and Audience**

After the need public identified, stage next is **determine location activity education and distribution donations**, as well as the audience that will become program focus. Place Devotion This is mosque big Sultan Malikussaleh, with audience that is the congregation of the mosque.



**Figure 1.** Determination Place and Recipient Help Social

### **Stage Implementation Education Mitigation Disaster**

At the stage this, done **delivery material education** to congregation of the Sultan Mosque Malikussaleh with objective increase awareness, knowledge, and skills in face disaster. The method used in the form of counseling live and simulation evacuation. Education This aims to ensure that society can recognize signs danger, understanding procedure evacuation, as well as capable reduce risk loss moment disaster happened. Participation active society at the stage This very important, because the more involved they, increasingly big possibility implementation knowledge gained in life daily.



**Figure 2.** Implementation Activity Education Mitigation Disaster

### **Stage Distribution Help Donation**

Stage final is **distribution donation or help social** in accordance with needs that have been identified previously. Help direct social handed over to Sultan Mosque administrators Malikussaleh. Distribution done with systematically so that assistance until appropriate time and direct can used For fulfil need the base of the mosque.



**Figure 3.** Distribution Donation to Administrator Mosque



**Figure 3.** Distribution Help Social to Student Affected Flood

### 3. RESULTS AND DISCUSSION

#### 3.1 Results

Activity service in the village Geudong, District Ocean, on January 15, 2026 successfully implemented with focus on education mitigation disaster and distribution donation For support mosque facilities and preparedness community. Sultan Mosque Malikussaleh accept help in the form of water machine, water tank, prayer mat, fan wind, and equipment worship others, so that activity religious and social public can return running normally. The educational program delivered through counseling live and simulation evacuation increase understanding congregation about signs potential flood, procedures evacuation, as well as steps preventive measures that can done before, during, and after disaster.

Sultan Mosque Malikussaleh chosen as location activity Because is center activity social and religious society. Audience consists of from mosque congregation, administrators and figures society, which plays a role important in spread information mitigation and ensuring use help appropriate target. Presence mosque administrators in every stage activities also facilitate coordination and participation active congregation, so that the education and distribution programs donation can implemented in a way effective and efficient.

Results of service show that integration between education mitigation disaster and distribution donation give impact double: first, strengthen capacity public in face risk flood through knowledge and skills mitigation; second, accelerate recovery affected mosque facilities. Participation active congregation and coordination with mosque administrators encourage a sense of responsibility answer collective as well as build resilience community (*community resilience*) in face future disaster, so devotion This No only nature reactive, but also contributes to mitigation ongoing disasters.

### **3.2 Discussion**

Activity results show that approach education and assistance integrated social effective in increase capacity public face disaster. Education mitigation disaster equip mosque congregation with knowledge and skills that can implemented in life everyday, whereas distribution donation fulfil need physical urgency and acceleration recovery facility social. Synergy between team devotees, mosque administrators, and the community local ensure that intervention walk effective and precise target.

Besides that, involvement mosque administrators as mediators of information and distribution help proven important. They No only facilitate access help, but also improve participation congregation in activity education. This is in line with theory Resilience Theory (Holling, 1973) and the concept mitigation disaster sustainable, where the community tough built through improvement capacity adaptation, learning from experience and collaboration between party associated with Thus, integration education mitigation and distribution donation No only nature reactive, but also strategic in build resilience community in the village Geudong to disaster future floods .

## **4. CONCLUSION AND SUGGESTIONS**

### **4.1 Conclusion**

Activity devotion in the village Geudong, District Ocean, successful increase capacity public in face risk flood through education mitigation disaster and distribution donations. Education provided increase understanding congregation of Sultan Mosque Malikussaleh about signs flood, procedures evacuation, and steps prevention loss, while help in the form of water machine, water tank, prayer mat, fan wind, and equipment worship speed up recovery mosque facilities. Involvement mosque administrators and figures public participate strengthen effectiveness activity as well as build awareness collective and resilience community to disaster.

#### 4.2 Suggestion

It is recommended that the government Village and mosque administrators carry out educational programs mitigation disaster in a way routine, with good coordination together figure public For ensure help appropriate targets. The community should form group responsive emergency local, as well as stage training and simulation more mitigation comprehensive For strengthen preparedness and resilience community to future disasters.

#### 5. THANK YOU NOTE

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## Bibliography

- Afrian, R. (2020). Mitigasi bencana banjir dalam perspektif pembangunan berkelanjutan. *Jurnal Ilmu Lingkungan*, 18(2), 101–110.
- Holling, C. S. (1973). Resilience and stability of ecological systems. *Annual Review of Ecology and Systematics*, 4, 1–23.  
<https://doi.org/10.1146/annurev.es.04.110173.000245>
- Irawan, D., Nugroho, S., & Pratama, R. (2022). Analisis risiko banjir berbasis partisipasi masyarakat di wilayah rawan bencana. *Jurnal Manajemen Bencana Indonesia*, 6(1), 45–56.
- Puska, D. (2018). Pendidikan mitigasi bencana sebagai upaya peningkatan kesiapsiagaan masyarakat. *Jurnal Pendidikan Kebencanaan*, 3(2), 87–95.
- UNDRR. (2015). *Sendai framework for disaster risk reduction 2015–2030*. United Nations Office for Disaster Risk Reduction.  
<https://www.undrr.org/publication/sendai-framework-disaster-risk-reduction-2015-2030>
- Wisner, B., Blaikie, P., Cannon, T., & Davis, I. (2004). *At risk: Natural hazards, people's vulnerability and disasters* (2nd ed.). Routledge.