

## ABSTRACT

### **The Analysis of Factors Related to Community Perception about the Disaster Condition of Mount Bromo in Ngadisari Village of Sukapura District, Probolinggo**

#### **A Cross-Sectional Design**

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Mount Bromo is one of active volcanoes and become prone to disaster. Government has attempted disaster precautionary measure and countermeasures but those programs do not run well due to differences of perception between Community and government. This research aims to find the relations between kinship and social factors, way of living and cultural values, economic and education level in Ngadisari village.

This research applied cross sectional design. Population consisted of 105 respondents aged 17-60 years old in Ngadisari village. Sample selection used *cluster random sampling*. Independent variables were kinship and social factors, way of living and cultural values, economic and education level. Dependent variable was the community perception of disaster condition. Than analyzed by Spearman's rank test with significant level  $p < 0,05$ .

The result showed that the most dominant factors compared to three other factors were the culture value and way of living ( $t \text{ test}=3,540, r=0,486, p=0,000$ ). The kinship and social factor and economic level had a significant relationship but was weak on community perception about disaster condition on Mount Bromo, however education factor didn't have any relationship with community perception about disaster condition. The kinship and social factors, cultural value and way of living, and economic level gave a contribution towards the perception as much as 25,2% and the rest was a contribution from others which weren't discussed in this research.

The conclusion is that kinship and social factors, way of living and cultural values, and economic level will influence the community perception about disaster condition. It is expected that nurses in doing health education for community need to approach family and always pay attention to way of living and cultural values in community, and community needs to be taught on the importance of active role in the disaster precautionary and countermeasures in order to succeed the government programs. The next researchers can analyze other factors which influence the community perception such as technology factor, religion and philosophical factors, also political and legal factors.

***Keywords: community perception, disaster condition, kinship and social factors, way of living and cultural values, economic level, education level.***

