Altruism is unselfish concern for one’s own sake but for the good of others (Baron & Byrne, 2005). So many disasters befall into most of the people of Indonesia. One of these natural disasters was Kelud eruption that occurred on 13 February 2014 which overrides Kediri territory, Malang. So that it affects the material and physiological impact toward the people around. Many people voluntarily sincere provide time and energy to help in time of disaster and they used to call themselves as volunteers who are always ready when needed. Surely helping behavior is driven by various factors. There are several factors that cause a person to behave voluntarily helping (altruism). Based on existing theories, indicators which give attention to other people, helping other people, putting the interests of others above self-interest are factors that influence the behavior of altruism.

In accordance with the research of Myers (1987), that altruism behavior is influenced by aspect of giving attention to other people, helping other people and putting the interests of others above self-interest. Therefore, this study aims to determine the level of altruism toward the volunteers and which most dominant factor affecting the behavior of altruism toward the volunteer disaster. This research is involved the quantitative. The researcher uses confirmatory factor analysis techniques to examine the indicators that affect the behavior of altruism based on existing theories. The tools used to collect the data are a Likert scale. The researcher spreads 35 behavioral indicators altruism questionnaires to 69 volunteers Kelud natural disasters.

The results of the study states that the behavior of altruism in volunteer disaster is a factor of giving attention toward other people, helping other people, and putting the interests of others above self-interest. The level of altruism behavior in natural disaster volunteers were categorized as average (93.1 ≤ x ≤ 116.23). The giving attention factor toward others is a dominant factor which influences the behavior of altruism in volunteer disaster.