

**PEMAHAMAN MASYARAKAT
DALAM MENGANTISIPASI BENCANA GEMPA BUMI
Studi Kasus di Kelurahan Mangga Dua Utara Kec. Kota Ternate Selatan Kota Ternate**

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ABSTRACT

Although Indonesia is situated on an earthquake-prone area, most of the people are considered lay about earthquake. Ternate Island is one of earthquake-prone areas in Indonesia but with minimum earthquake awareness shown by the people, especially the people in Kelurahan Mangga Dua. Physical, social and environmental vulnerability leads the people of Kelurahan Mangga Dua Utara in risky situation when earthquake occurs. In order to reduce the risk and to cope with the worst possibility, it is required to study the people's understanding in anticipating earthquake hazard.

Efforts to teach and give comprehension to the people were carried out in the form of socialization. In taking the study, it was required to obtain data and information about the characteristics of the local people in order to have participants who reflected the people's existing condition. Measuring the understanding was carried out through questionnaires. Inspecting the people's houses was an effort to identify the house risks in earthquake hazard. Obtained data were then related to existing mitigation concept and evaluated to have a brief description on earthquake hazard comprehension.

Results of this research showed that people in Kelurahan Mangga Dua Utara were still lack of understanding and comprehension about earthquake hazard anticipation. The people have not been aware with the potential hazard contained in their area, the cause, the mechanism, the impacts and mitigation efforts of earthquake hazard. Either people or builders have not understood how to make earthquake resistant buildings. The builders understanding and comprehension were merely based on experience, not on awareness or structural comprehension about earthquake retention as anticipation of the hazard. This was proved by inspection results that in overall, houses were in risk to rumble when earthquake occurred. Success level was categorized as poor that the hazard threat in Kelurahan Mangga Dua Utara was still high. Dominant causing factors to this were indiscipline behavior of the participants, uneven representation, absence participants and incompetent mentors.

Keywords: *earthquake, mitigation, socialization, people of Kelurahan Mangga Dua Utara of the City of Ternate*