

## **ABSTRACT**

*Kalirejo Village, Kokap Subdistrict, Kulon Progo Regency is an area that has the potential for landslides and earthquakes, because the disaster cannot be estimated so as a pre-disaster mitigation effort, the community, especially building owners must have knowledge about earthquake-resistant building planning, one of which is by educating the public about building identification using the Asesmen Cepat Bangunan (ACEBS) application feature from InaRISK. So the purpose of this study is to find out the understanding of building owners to the question of building identification and the effectiveness of the application of Asesmen Cepat Bangunan (ACEBS) when applied to the people of Kalirejo village.*

*The method used in this study was to conduct a field survey with interviews of 144 building owners in Kalirejo village using questions in the Asesmen Cepat Bangunan (ACEBS) application and give a score on each answer to get a total value so that it can be classified understanding of building owners into understanding, lack of understanding and not understanding, and accumulating the number of Yes answers to calculate the effectiveness value.*

*The results of the analysis obtained is the percentage of understanding of building owners as much as 61.1% with the number of building owners who understand as many as 88 people and the percentage of effectiveness of Asesmen Cepat Bangunan (ACEBS) when used as much as 60.165% with a fairly effective category.*

*Keywords: Owner, Building, Identification, Understanding, Effectiveness.*