

ABSTRACT

Name : Rindu Rembulan Adde Karyana
Study Program : Urban and Regional Planning
Title : Vulnerability Levels in Settlements in Disaster Prone Areas (Study Case: Rajabasa District, South Lampung Regency)

Indonesia is one of the countries that has threat to natural disaster such as earthquake, volcano and tsunami. This occurs because Indonesia is located between three of the world's plates, namely the Australian plate, the Eurasian plate, and the Pacific plate. the plates this experience movement that can cause opportunity happening disaster. Rajabasa district is set to become a tsunami and volcano disaster prone are which is caused because Rajabasa district has 2 (two) active volcano that is Anak Krakatau Volcano and Rajabasa Volcano.

Based on the existing condition, that disaster-prone area is used as a residential area in the coastal area. Reality the not in accordance with the Regulation of Government Republic of Indonesia Number 26 of 2008 Article 71 of the National Spatial Planning Plan, it is stated that the important criteria of a residential area is located outside of the area categorized as a Disaster - Prone Area (KRB). One of the efforts to reduce the disaster risk is by finding out the vulnerability level. Based on the Regulation of Disaster Management Agency Number 2 of 2012 about Guidelines of General Assessment Risk Disaster, the indicators in rating the vulnerability index are social vulnerability, economic vulnerability, physical vulnerability, and environmental vulnerability.

This research is using quantitative method with spatial approach. This research is doing scoring and weighting obtained from each vulnerability index's variables. This research has a purpose which is to find out the vulnerability level of residential area in Disaster-Prone Area, this will help the citizen as the main actor to participate in decreasing the impact from risk of disaster that will happen in the future.

The level of total vulnerability in earthquake, tsunami, and volcano disaster in Rajabasa District is obtained Villages/Subdistricts that are in lower-class which is Waymuli Timur Village. Middle-class villages Hargo Pancuran Village, Kerinjing Village, Batu Balak Village, Tanjung Gading Village, Kota Guring Village, Waymuli Village, Betung Village, Cugung Village, Rajabasa Village, and Canti Village. Meanwhile, for higher-class are Kunjir Village, Canggung Village, Tejang Pulau Sebesi Village, and Sukaraja Village.

Keyword: *vulnerability, Settlements, Anak Krakatau Volcano, Rajabasa District,*

