

**GAMBARAN HASIL PENYULUHAN TERHADAP  
PENGETAHUAN DAN SIKAP TENTANG KESIAPSIAGAAN  
BENCANA ERUPSI GUNUNG MARAPI PADA SISWA SMAN  
1 SUNGAI PUA KABUPATEN AGAM  
2020**

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**Abstrak**

Negara Kesatuan Republik Indonesia memiliki kondisi geografis, geologis, hidrologis, dan demografis yang memungkinkan terjadi bencana. Indonesia merupakan jalur rangkaian *The Pacific Ring Of Fire* (Cincin Api Pasifik), yang merupakan jalur rangkaian gunung api di dunia. Berdasarkan data 60% dari jumlah Gunung yang ada di Indonesia termasuk daerah Sumatra Barat terdapat Gunung yang memiliki potensi letusan yang cukup besar. Kesiapsiagaan sangat penting dalam menghadapi bencana tersebut, karena kurangnya pengetahuan dan kesiapan mengakibatkan timbulnya banyak korban. Tujuan penelitian ini adalah menganalisis pengetahuan siswa kelas XI sebelum dan sesudah penyuluhan tentang kesiapsiagaan bencana erupsi gunung marapi di SMA N 1 Sungai Pua, Kabupaten Agam. Instrumen Penelitian yang digunakan yaitu kuesioner dan tabel ceklis. Teknik Pengambilan sampel menggunakan *random sampling* sebanyak 74 responden untuk mencukupi jumlah populasi. Data dianalisis menggunakan analisis univariat. Hasil analisis deskriptif menunjukkan adanya peningkatan pada skor pengetahuan dan sikap. Terjadi peningkatan pengetahuan sebesar 40,6% dan perubahan sikap sebesar 35,2%. Hal ini menunjukkan bahwa terdapat perbedaan pengetahuan dan sikap siswa tentang kesiapsiagaan bencana erupsi gunung marapi setelah dilakukan penyuluhan. Oleh karena itu, diharapkan siswa dapat mengimplementasikannya dalam kehidupan sehari-hari dan dapat berbagi ilmu kepada siswa lain.

**Kata Kunci** : Kesiapsiagaan, Erupsi Gunung Marapi, Sekolah

# **STUDY ON SUNGAI PUA PUBLIC HIGH SCHOOL STUDENTS' KNOWLEDGE AND PERCEPTION TOWARDS DISASTER PREPAREDNESS OF MOUNT MARAPI ERUPTION IN AGAM DISTRICT, 2020**

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## **Abstract**

The Republic of Indonesia is located geographically nor geologically, hidrologically, and demographically at the location where many volcanic related phenomenon and earthquakes frequently occur, its all because it stands on the pacific ring of fire, which is a volcanic circuit spreaded across the rim of the pacific ocean. Based on the collective data, from all the mountains that located on Indoesian soil, 60% of them are having huge potential to erupt. So, Preparedness is rather important to face the unforeseeable disaster, the lack of knowledge and awareness about the subject will certainly increase the rate of casualties. This research aims to analyze the High school students knowledge before and after the counselling about their preparedness for Mount Merapi eruption in SMA N 1 Sungai Pua, Agam Regency. The research instruments used were Questionnaire and Checklist Table. The sample collection technique was using random sampling by 74 respondents to adequate the population. The data is analyzed using univariate analysis. The results of descriptive analysis shows that their score on knowledge and attitude were increased. Their knowledge increased by 40,6% and their attitude increased by 35,2%. This shows that the counseling increased the students knowledge and attitude about preparedness for the mount merapi eruption. Hence, The students are expected to be able to implement this study on a daily basis and raise the other's awareness by sharing this study.

**Keywords:** Preparedness, Eruption of mount marapi, School