

**A STUDY ON THE LEVEL OF COMMUNITY PREPAREDNESS
KNOWLEDGE FOR VOLCANIC ERUPTION DISASTERS
IN DISASTER PRONE AREA 1 TEGALSRUNI VILLAGE
SAMIRAN SELO BOYOLALI**

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ABSTRACT

Background : Volcanic eruptions pose a serious threat to communities living near Mount Merapi, especially those residing in Disaster-Prone Area (DPA) 1 of Tegalsruni Village, Samiran, Selo, Boyolali. These areas are highly vulnerable to volcanic hazards and require a high level of preparedness from the local population. **Objective :** This study aims to provide an overview of the level of community knowledge regarding preparedness in facing volcanic eruption disasters. **Method :** A descriptive quantitative method with a cross-sectional approach was used in this research. Data were collected through a structured questionnaire and analyzed descriptively. **Result :** The findings revealed that most respondents had a low level of preparedness knowledge, placing them in the less-prepared category. Contributing factors included low educational background, limited participation in disaster education or simulations, and a lack of direct experience with eruption events. **Conclusion :** Continuous efforts in public education and disaster preparedness training are essential to improve knowledge and readiness among communities living in high-risk areas, so they can respond promptly and appropriately in the event of an eruption.

Keywords: Knowledge, Preparedness, Volcanic Eruption