

ABSTRACT

ALVIAZIZ NATASYAH, 222170009. *THE INFLUENCE OF PROBLEM BASED LEARNING (PBL) WITH SYMBOLIC MODELING TECHNIQUE ON DISASTER MITIGATION LITERACY SKILLS (A Study on Geography Subject Sub-Material of Landslide Disaster Mitigation in Class XI SMAN 6 Tasikmalaya).*

This study addresses students' low disaster mitigation literacy skills in class XI of SMAN 6 Tasikmalaya, particularly in interpreting disaster symbols, reading risk maps, and understanding landslide mitigation procedures. This study aims to describe the implementation of the Problem Based Learning (PBL) model with Symbolic Modeling technique and analyze its influence on students' disaster mitigation literacy skills. This study employed a quasi-experimental method with a One-Group Pretest-Posttest Design. The sample consisted of 37 students from class XI 9 selected through simple random sampling. Data were collected through disaster mitigation literacy tests administered before and after treatment, as well as interviews. The findings revealed that the PBL model with Symbolic Modeling technique was implemented effectively and systematically. The Paired Sample t-Test yielded a significance value of $0.000 < 0.05$, confirming a significant influence on students' disaster mitigation literacy skills. The N-Gain Score averaged 0.55 or 55.35%, classified in the moderate category, indicating considerable improvement. These findings demonstrate that integrating the PBL model with Symbolic Modeling technique is effective in enhancing disaster mitigation literacy, and is recommended as an alternative Geography learning strategy to strengthen disaster mitigation education and build young generations' disaster preparedness.

Keywords: *Problem Based Learning Model, Symbolic Modeling Technique, Disaster Mitigation Literacy Skills.*