

**THE INFLUENCE OF FLOOD DISASTER PREPAREDNESS
EDUCATION ON THE LEVEL OF COMMUNITY KNOWLEDGE
IN PURWOSARI VILLAGE**

Ranu Panei Putri Kusuma, Hermawati

ranu.student@aiska-university.ac.id

University of 'Aisyiyah Surakarta

ABSTRACT

Background: Floods are a frequent disaster in Indonesia and have a major impact on the community. The lack of public knowledge about flood preparedness increases the risk. Disaster preparedness education is a strategic effort to enhance community resilience. **Objective:** To determine the effect of flood disaster preparedness education on the level of community knowledge in Purwosari Village. **Methods:** This research used a quasi-experimental design with a pretest-posttest and control group approach. A total of 73 respondents were divided into intervention and control groups. The instrument used was a knowledge questionnaire categorized as good, fair, and poor. Data were analyzed using Wilcoxon and Mann-Whitney tests. **Results:** There was a significant increase in knowledge in the intervention group after education ($p < 0.05$), while the control group showed no significant change. The Mann-Whitney test also showed a significant difference between the two groups after the intervention ($p < 0.05$). **Conclusion:** Flood disaster preparedness education significantly improves community knowledge.

Keywords: Education, disaster preparedness, flood, knowledge, community.

