

**THE INFLUENCE OF HEALTH EDUCATION ON PRE-DISASTER  
PREPAREDNESS KNOWLEDGE LEVEL OF FACING FLOODS IN RW 06  
SUDIROPRAJAN SURAKARTA**

Taqiyyan Adi Prasajo<sup>1</sup>, Norman Wijaya Gati<sup>2</sup>  
[ratataqiyyan@gmail.com](mailto:ratataqiyyan@gmail.com)  
Universitas 'Aisyiyah Surakarta

*ABSTRACT*

**Background;** *Indonesia is a tropical region that has high temperatures climate and rainfall. There were 4,149 disasters occurs in 2023. Flood disasters occupy the second position with 265 incidents. There were 584 incidents in Central Java, flood disasters were in second place, with 110 incidents. 759 fatalities recorded from 2019-2023 caused by flood disaster in Indonesia. Preparedness management is very necessary to minimize the disaster's impact. Main problem in disasters is lack of knowledge and preparedness about disasters, therefore, a health education needed to minimize the impact. Objectives of research;* Determine effect of health education on knowledge level of pre-disaster preparedness of facing floods in RW 06 Sudiroprajan, Surakarta. **Methods;** *Quantitative research type using Pre-Experiment method with One Group Pre-Test Post-Test Design. Data collected by using 15 questions. Result;* The Knowledge level before the health education was held, shows 47 respondents (78.3%) in the good category and after the health education, 58 respondents (96.7%) in the good category. Wilcoxon test result, *p-value = 0.000 obtained, that means p-value <0.05. Conclusion;*  $H_0$  rejected,  $H_a$  accepted, which means that there is an influence of health education on the level of knowledge of pre-flood disaster preparedness in RW 06, Sudiroprajan, Surakarta.

**Keywords :** *Flood Disaster, Health Education, Disaster Preparedness*