

**RELATIONSHIP WITH DISASTER RISK PERCEPTION  
WITH FLOOD DISASTER PREPAREDNESS IN THE COMMUNITY IN  
SANGKRAH DISTRICT, SURAKARTA CITY**

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**ABSTRACT**

**Background:** One of the threats faced by Indonesia is natural disasters, in this case, floods. Throughout the years 2021 to 2023, reports emerged of various flood events impacting several regions, including Surakarta. According to Regional Disaster Management Agency (RDMA/BPBD), Surakarta is affected by flooding because is located on banks of the Bengawan Solo River, which often floods during the rainy season, and this impact on health. The most impact flooding in Sangkrah Village. Minimize this impact, preparedness needed. Individual preparedness influenced by perceptions disaster risk. People Sangkrah's perception high, while their preparedness less ready. **Objective:** To determine the relationship between disaster risk perception and flood disaster preparedness in community in Sangkrah Village. **Method:** This research quantitative with cross sectional approach. The number samples obtained from Slovin formula calculation was 82 respondents. The instrument used research Guttman scale questionnaire. **Results:** The research results showed there relationship between disaster risk perception and flood disaster preparedness community in Sangkrah Village, Surakarta City. The results the Spearman Rank test showed that the correlation coefficient ( $r$ ) = 0.614 showed positive relationship with significance value of 0.000. **Conclusion:** There relationship between disaster risk perception and flood disaster preparedness in the community in Sangkrah Village, Surakarta City.

**Keywords:** Disaster, flood, disaster risk perception, preparedness