

**ABSTRACT**

**THE CORELATION BETWEEN KNOWLEDGE, ATTITUDE, AND EXPERIENCE ABOUT INDUSTRIAL DISASTER MITIGATION WITH PREPAREDNESS OF TEENAGERS IN RANDUAGUNG VILLAGE**

Descriptive correlation research in Randuagung village Gresik

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**Introduction:** Unpreparedness of industrial disaster community anticipating result many fatalities and economic loss every it were happen. Preparedness indicators can be seen from knowledge, attitudes, and experience to disaster risk. The purpose of this research was to explain the related between knowledge, attitude, and experience about industrial disaster mitigation with preparedness of teenagers in Randuagung village Gresik. **Methods:** The design of research was descriptive correlation with cross sectional approach. The sample of the research has 109 teenagers in age range 15-18 years who lived in the high risk of industrial disaster. This research were taken by using simple random sampling by each cluster. The dependent variable that be knowledge, attitude, and experience about industrial disaster mitigation, and the dependent variable was preparedness. Data collected by using questionnaire and analyzed using Spearman's rho test and Chi Square test with significant level  $\alpha < 0,05$ . **Result:** The results shows that knowledge about industrial disaster mitigation hasn't significant corelation with preparednes ( $p=0,323$ ), attitude about industrial disaster mitigation has significant corelation with preparednes ( $p=0,037$ ), experience about industrial disaster mitigation has significant corelation with preparednes ( $p=0,004$ ). **Discussion:** The next is better if analyze other factors related to action in industrial disaster mitigation and disaster preparedness such as health provider, community leader, government.

**Keywords:** *Mitigation, Preparedness, Industrial Disaster, Knowledge, Attitude, Experience, Teenager*