

ABSTRAK

UNIVERSITAS MUHAMMADIYAH JEMBER
PROGRAM STUDI ILMU KEPERAWATAN
FAKULTAS ILMU KESEHATAN

Skripsi, Juni 2026
Patriestia Agustanti

Hubungan Pengalaman *Tabletop Disaster Exercise* Berbasis Simulasi Lapangan Dengan Kesiapsiagaan Bencana Gempa Bumi Pada Anggota KSR PMI di Kabupaten Jember

xviii + 72 halaman + 11 tabel + 3 bagan + 17 lampiran

Abstrak

Latar Belakang: Indonesia merupakan negara dengan risiko bencana yang tinggi sehingga kesiapsiagaan masyarakat dan relawan menjadi aspek penting dalam pengurangan risiko bencana. Salah satu metode yang digunakan untuk meningkatkan kesiapsiagaan adalah *Tabletop Disaster Exercise* berbasis simulasi lapangan. Penelitian ini bertujuan menganalisis hubungan pengalaman *Tabletop Disaster Exercise* berbasis simulasi lapangan dengan kesiapsiagaan menghadapi bencana gempa bumi pada anggota KSR PMI di Kabupaten Jember. **Metode:** Penelitian ini menggunakan desain deskriptif analitik dengan pendekatan cross-sectional. Populasi penelitian adalah 105 anggota KSR PMI di Kabupaten Jember pada bulan Mei–Juni 2026. Sampel berjumlah 105 responden yang dipilih menggunakan teknik total sampling. Data dikumpulkan melalui kuesioner dan dianalisis menggunakan uji Spearman Rank dengan tingkat signifikansi $p \leq 0,05$.

Hasil: Sebagian besar responden memiliki pengalaman *Tabletop Disaster Exercise* berbasis simulasi lapangan kategori baik (63,8%) dan kesiapsiagaan bencana gempa bumi kategori siap (59,1%). Hasil uji Spearman Rank menunjukkan hubungan yang signifikan antara pengalaman *Tabletop Disaster Exercise* berbasis simulasi lapangan dengan kesiapsiagaan menghadapi bencana gempa bumi ($p = 0,001$; $r = 0,630$), dengan kekuatan hubungan positif yang kuat. **Kesimpulan:** Pengalaman mengikuti *Tabletop Disaster Exercise* berbasis simulasi lapangan berhubungan dengan kesiapsiagaan menghadapi bencana gempa bumi pada anggota KSR PMI di Kabupaten Jember. Semakin baik pengalaman yang dimiliki, semakin tinggi tingkat kesiapsiagaan dalam menghadapi bencana gempa bumi.

Kata Kunci: *Tabletop Disaster Exercise*, Simulasi lapangan, Kesiapsiagaan, Gempa bumi, KSR PMI

Daftar Pustaka: 43 (2018-2026)

ABTRACT

MUHAMMADIYAH UNIVERSITY OF JEMBER
DEPARTMENT OF NURSING
FACULTY OF HEALTH SCIENCES

Thesis, June 2026
Patriestia Agustanti

The Relationship Between Experience in Simulation-Based Tabletop Disaster Exercise and Earthquake Disaster Preparedness Among Members of the Indonesian Red Cross Volunteer Corps in Jember Regency

xviii + 72 page + 11 tables + 3 chart + 17 attachments

Abstract

Background: Indonesia is a country with a high risk of disasters, making community and volunteer preparedness a critical aspect of disaster risk reduction. One method used to enhance preparedness is the field-simulation-based Tabletop Disaster Exercise. This study aims to analyze the relationship between experience with field-simulation-based Tabletop Disaster Exercises and preparedness for earthquakes among members of the Indonesian Red Cross Volunteer Corps in Jember Regency. **Methods:** This study employed a descriptive-analytical design with a cross-sectional approach. The study population consisted of 105 members of the Indonesian Red Cross Volunteer Corps in Jember Regency during May–June 2026. The sample comprised 105 respondents selected using total sampling. Data were collected via a questionnaire and analyzed using the Spearman rank test with a significance level of $p < 0.05$. **Results:** The majority of respondents had “good” experience with field-simulation-based Tabletop Disaster Exercises (63.8%) and were rated “prepared” for earthquake disaster preparedness (59.1%). The results of the Spearman’s rank correlation test indicated a significant relationship between experience with field-simulation-based Tabletop Disaster Exercises and earthquake disaster preparedness ($p = 0.001$; $r = 0.630$), with a strong positive correlation. **Conclusion:** Experience participating in field-simulation-based Tabletop Disaster Exercises is associated with earthquake disaster preparedness among Indonesian Red Cross Volunteer Corps in Jember Regency. The better the experience, the higher the level of preparedness for earthquake disasters.

Keywords: Tabletop Disaster Exercise, Field Simulation, Preparedness, Earthquake, Indonesian Red Cross
References: 43 (2018-2026)