

## **ABSTRACT**

*Natural disasters are one of the events that can cause a market reaction. This research aims at examining the impact of earthquakes by investigating abnormal return, trading volume activity, and bid-ask spread variables. This research was conducted in five countries prone to earthquakes, namely Indonesia, the Phillipines, the United States, China, and Japan.*

*The data used in this research were obtained from the JKSE, PSEI, DJI, SSE, and Nikkei 225 stock index. Hyphothesis testing was performed using the Wilcoxon Signed Ranks Test. The results showed that there were differences between abnormal return, trading volume activity and bid-ask spread before-during, before-after, and during-after the the earthquake.*

*Keywords: abnormal return, bid-ask spread, event study, gempa bumi, trading volume activity*