

AN ANALYSIS ON DISASTER MANAGEMENT AND ITS PREPAREDNESS

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ABSTRACT

This study aims to investigate disaster management practice for fire station personnel, focusing on their preparedness level, responsibilities, and challenges that they encounter during response to disaster scenes. The data for analysis was collected from 450 employees of fire stations through questionnaires and interviews, showing promising prospects for analysis. A number of statistical tests were conducted, including complicated ones such as percentage analysis, cluster analysis, discriminant analysis, and others like descriptive analysis, percentage analysis, and multiple response analysis. This helped to find out significant factors that affect disaster management practice for the employees, as well as the role of demographic factors affecting preparedness and the effectiveness of current training programs that are implemented for disaster responses. It has found many significant areas that need improvement, especially pertaining to communication, coordination, and allocation of resources for fire stations. This study would ultimately contribute to improving disaster response preparedness and response for fire station employees by gathering significant insights that could lead to the formulation of better disaster response training programs for these departments.

KEYWORDS: Emergency Response, Risk Assessment, Disaster Management, and Disaster Risk Reduction (DRR).