



DISASTER VULNERABILITY ASSESSMENT OF SELECTED JAILS UNDER BUREAU OF JAIL MANAGEMENT AND PENOLOGY IN CALABARZON

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ABSTRACT

Disaster management deals with the resources and responsibilities covering humanitarian features of emergencies in specific preparations, response and recovery to reduce the effect of the adversity. The disaster risk reduction is the exercise and approach in systematic ways of analysis and lessening the causal factors of such event. The study focused on the description on level of disaster of jail vulnerability relative to strategic location, jail infrastructure and construction, organizational management and available resources. It assessed the readiness of jail with regard to earthquake and typhoon, so with the problems encountered that affect the operational capabilities. It ascertained the significant relationship of the level of disaster to readiness of jail personnel and problems encountered. Quantitative approach using descriptive method was utilized in the study. Lottery method was used to gather data through survey questionnaire validated by means of Cronbach's Alpha to selected 161 jail personnel as respondents in Region IV-A. Statistical treatment was employed such as percentage, frequency, weighted mean, ranking and Pearson product of moment of correlation coefficient. Result shows that strategic location is within the city, jail infrastructure and construction are concretely cemented where equipment and vehicles are scare in jail. Readiness of jail personnel varies depending on the type of disaster where prelisted problems to a minimal extent affect the operational capabilities. It is concluded that there is a significant relationship between the level of disaster vulnerability and readiness to disaster varies, while there is no significant relation on the problem encountered by the personnel. A disaster vulnerability model was proposed to manage the jail operation of Bureau of Jail Management and Penology in Region IV-A.

Keywords: Disaster Management, Jail Operation, Quantitative Research, Region IV-A Philippines