

Towards Disaster Risk Reduction and Management Capacity Building Model

Ariel Austin A. Acosta

<https://orcid.org/0009-0001-5318-7468>

acosta123_ariel@yahoo.com

Philippine Christian University
Manila, Philippines

Abstract

This study evaluates the disaster management capacities and competencies of the Municipal Disaster Risk Reduction and Management Council (MDRRMC) and the Municipal Disaster Risk Reduction and Management Office (MDRRMO) in LGU-Jose Abad Santos in the Province of Davao Occidental. This study aimed to determine both the level of capacity and level of competency of the personnel considering different categories. One sample t-test determined if the capacity and competency indicators have a significant difference in the capacity and competency of the MDRRMO personnel and MDRRMC members. A paired t-test compared the means of the expected and actual perception of the MDRRMO personnel and MDRRMC members on the capacities and competencies in various capacity indicators. Finally, ANCOVA determined if the demographic profile of the MDRRMO personnel and MDRRMC members significantly affects the level of capacity and competency. Results in the one sample t-test indicate that all capacity and competency indicators significantly affected MDRRMO personnel and MDRRMC members. Paired t-tests revealed significant differences between expected and actual perceptions of capacities and competencies, indicating a significant gap between what is expected and what is actual. ANCOVA analysis showed no significant evidence that demographic profiles influence these levels. A capacity-building model focusing on all indicators for both capacity and competency was formulated and will serve as a guide by the LGU Jose Abad Santos to bridge the gap between the expected and actual perception of the personnel to further develop the MDRRMO personnel and MDRRMC members in Jose Abad Santos.

Keywords: DRRM, capacity, competency, paired t-test, Municipality of Jose Abad Santos