

THE CHALLENGES ENCOUNTERED BY THE BUREAU OF FIRE PROTECTION PERSONNEL DURING FIRE INCIDENT IN BARANGAY HOLY SPIRIT, QUEZON CITY

ABSTRACT

AUTHORS

Terence Miranda
Juanito Pastrana
Mark Postrano
Bill Philip Ruiz
Jerome Yasol

RESEARCH ADVISER

Myrna S. Cuntapay, PhD

AFFILIATION

Bestlink College of the
Philippines

DISCIPLINE

Criminology

KEYWORDS

*bureau of fire protection;
quezon city; fire response;
emergency challenges;
building safety; firefighter
fatigue*

ARTICLE ID

AASGBCPJMRA-B60949

The Bureau of Fire Protection (BFP) plays a critical role in fire prevention, suppression, and rescue operations. However, BFP personnel frequently encounter challenges that hinder their operational effectiveness. These issues often arise from the geographical and infrastructural conditions of the area, such as narrow streets, obstructed access due to parked vehicles, and poorly designed building structures. In addition, the demanding physical and emotional nature of fire response work further complicates these efforts. This study investigates the challenges encountered by BFP personnel during fire incidents in Barangay Holy Spirit, Quezon City, to inform recommendations for improved emergency response. This study employs a descriptive research design to assess the operational difficulties faced by BFP personnel in Barangay Holy Spirit. A total of 50 respondents—including BFP officers, fire volunteers, and local residents—participated in the study. Data were collected through a structured survey questionnaire and were presented using tables and graphs to facilitate clear analysis and interpretation. Findings revealed that congested roadways, illegally parked vehicles blocking fire truck access, faulty electrical wiring, and lack of accessible fire exits were among the most common challenges encountered during fire incidents. Additionally, emotional fatigue among firefighters and psychological distress among residents emerged as significant factors affecting response effectiveness. These obstacles delayed emergency interventions and compromised both personnel safety and community welfare. The study highlights the urgent need for strategic solutions to address the operational challenges of BFP personnel. Issues related to urban layout, infrastructure deficiencies, and responder well-being were identified as critical areas for intervention. Recommendations include improving urban planning, enforcing strict parking and building regulations, and providing mental health support for responders and affected residents. Strengthening these areas will enhance fire response capabilities, reduce property damage, and improve public safety outcomes during fire emergencies.

RECOMMENDED CITATION

Miranda, T., Pastrana, J., Postrano, M., Ruiz, B. P., & Yasol, J. (2025). The Challenges Encountered By The Bureau Of Fire Protection Personnel During Fire Incident In Barangay Holy Spirit, Quezon City. *Ascendens Asia Singapore – Bestlink College of the Philippines Journal of Multidisciplinary Research Abstracts*, 7(1), 63.