

LOCATION AND DISTRIBUTION OF FIRE STATIONS

Case Study : Wilayah Persekutuan

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ABSTRACT

The loss of property through fires is increasing since the country's Independence in 1957 with tall buildings mushrooming all over the city and the increase in traffic volumes has brought about problems to the Fire Department.

Earlier, the planning of fire stations is based only on the criteria of time taken to travel to the affected areas, not taking into consideration the landuses and population of the areas.

Today, the fire department encounter a lot of problems in providing efficient services to the public.

Chapter one discusses the meaning of fire, the importance of fire stations and its relation with planning process. This chapter will also include the literature review of fire stations. It will outline the importance of fire stations and the factors affecting the location and distribution of fire stations.

Chapter two outline the history of fire stations in Wilayah Persekutuan, their criteria used in the establishment of fire stations, the objectives and functions of fire stations the organizational structure and hierarchy of fire stations in Wilayah Persekutuan.

Chapter three discusses the existing condition of fire stations in Wilayah Persekutuan. The development of Wilayah Persekutuan will also be presented. This chapter includes the study of fire stations in relation to landuses, topography, population and other related factors. Statistics of fire in Wilayah Persekutuan will also be shown Chapter four discusses the result of the findings and information obtained from the survey of fire stations in Wilayah Persekutuan.

Chapter five is the analysis of the problems and proposals to solve the various problems arising. The strategies are formulated to solve the problems.

Chapter six is the concluding chapter.

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