

舊港地區淹水潛勢緊急避難動線規劃之研究

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摘要

When the typhoon season comes Taiwan every year, the disaster kept pouring in causes the people to fully suffer pain of the flood. How guarded against the metropolis flood disaster's occurrence is the most important topic. But how when the flood disaster did occur a preliminary design set effective sought asylum the system, was also the essential work which the reduction lost. The populace besides usually should complete the basic disaster prevention measure. The government must establish one to bear the disaster settlement the development thought.

This research occurs after the flood disaster when the prevention and the disaster rescues, discusses against disaster relief to seek asylum plan of the generatrix. As really makes the Jiongang area take the Xinzhu palembang, by grasps regarding the natural environment and land use's understanding, is flooded dives technique of the potential simulation to be flooded the distribution result in view of the research area, discusses it with to seek asylum influence of the path to the land development. Again the coordinate seeking asylum population, the road system, as well as seeks asylum availability of the foothold, the plan seeks asylum foothold distribution and the act of rescue path delimits supposes, will provide in the future reference of the local act of rescue generatrix plan.

According to the document review and numerical method, this research which scheme the evacuation time and the route of asylum when the flood reaches the warning line. By the designed method of the asylum route to calculate the loaded limit of the path rescue and victim asylum route when the disaster is approaching. The disaster always take place in a sudden, as a result, the time control is quite an important key. Then the revision "draws up the Hsinchu fishing port specific area (palembang area) the detail plan" the passage width, and according to is flooded the risk

factor analysis result, makes the adjustment on the main road and the secondary road, takes the Palembang area act of rescue generatrix the plan.

關鍵字：urban flood , emergency refuge route , high potential flood .