

都市防災空間系統建立之研究-以新竹縣竹北市都市地區為例

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摘要

Laws and acts related to disaster prevention urban planning in Taiwan focus on “Regulations to Implement Comprehensive Review of Urban Planning” and “Disaster Prevention Regulations” promulgated in 2000. Although the contents show the local government should set about planning for urban disasters prevention and establish regional disaster prevention program. However, these laws and acts always lack specific regulations on how to fulfill spatial planning for township disasters prevention. When comprehensively reviewing urban planning, integrated strategies of land utilization and spatial development can't be concretely proposed for the regional development, land utilization and promotion of disaster prevention. In this paper, we selected Jhubei, Hsinchu County as demonstration region of spatial system planning for urban disasters prevention to collect related data of disaster prevention urban at Jhubei, establish database, land utilization and facility investigation, including related land investigation, collection of statistic data from government, investigation and simple evaluation of disaster prevention facilities as well as related questionnaire and interview. Meanwhile, we planned spatial system planning for urban disasters prevention and draw related planning diagrams at Jhubei; according to the estimation of disaster prevention facilities and current situation of resources supply, spatial system planning for urban disasters prevention is planned to include: disaster prevention route, evacuation, fire control, police, medical treatment and collection and distribution of commodities, describing the planning contents in preparation of disaster prevention urban and land utilization or urban planning strategies.

關鍵字：Urban disasters prevention, Handbook of spatial system planning for urban disasters prevention, Shelter, Evacuation Range