

臺中市-和平區-達觀(D016)大規模崩塌地區調查監測 計畫

計畫編號：SWCB-108-001

執行單位：建磊工程顧問有限公司

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(本報告書內容及建議純屬執行單位意見，僅供本局施政參考)

摘要

達觀(D016)大規模崩塌地區位於臺中市和平區達觀里，區域面積約為 59.74 公頃，計畫範圍為中央地調所公布之大規模潛勢崩塌地，水土保持局大規模崩塌編號臺中市-和平區-達觀 D016，主要聚落為下邊坡達觀聚落，保全戶數為 60 戶，為能全面性防治潛在滑動中之地滑地動情形包含崩積層、裂隙發達岩體及地下水的深度等，綜合現地調查、監測資料及邊坡穩定分析資料，本區目前治理規劃以地表排水改善(野溪坑溝、農路排水、工程構造物維護)及地下排水改善為主，共計編列 9 件工程，3 件疏散避難宣導，3 件後續監測計畫，總經費約 9,200 萬元。

關鍵詞：大規模崩塌潛勢地區、多尺度監測、邊坡穩定分析、整體治理規劃

Investigation and Monitoring Plan at Potential Large Scale Landslides - Dahguan(D016), Heping District, Taichung

ABSTRACT

This potential large scale landslides located in Dahguan, Heping District, Taichung City and the area is 59.74 ha. The landslides region is declared by the Central Geological Survey, MOEA, also named Taichung

City - Heping District - Daguan D016 by the Soil and Water Conservation Bureau. The main protected objects is the settlement of the lower slope, and around 60 households. To preventing the landslide occurred, via the field investigation, monitoring data and slope stability analysis data, the current governance plan mainly are the improvement of surface drainage (torrent, gully, farm road drainage, maintenance of engineering structures) and the improvement of underground drainage. There are 9 projects of engineering, 3 evacuation propaganda , and 3 following monitoring projects, and the total funding is about 92 million dollars.

Keywords: Large-scale Potential Landslides, Multi-scale monitoring, Slope Stability Analysis, Overall Governance Planning