

山坡地邊坡敏感區潛勢分級評估-以臺北市內湖區為例

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摘要 臺北市政府工務局大地工程處為積極守護民眾安全、擴大山坡地環境地質資料庫之應用，進而達到落實山坡地安全管理之目標，選擇以臺北市內湖區作為山坡地管理之先行區域，針對四種常見之山坡地環境地質災害(如淺層崩塌、落石、弧形滑動、平面型滑動等)研擬自然邊坡風險評估之標準作業程序。其成果乃將邊坡敏感區予以風險分級，就優先關注度高者之坡地，進行現場實地勘查；再依據勘查結果評估各環境地質災害坡地之相對風險高低，進而提出治理排序建議與適當之處理對策，作為預防性管理潛在致災坡地之參考。

關鍵詞：邊坡敏感區、潛勢分級、山坡地安全管理、環境地質。

Assessment of Potential Rating of Slopeland Sensitive Areas —a Case Study from Neihu District, Taipei

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ABSTRACT Slopeland conservation and people safety are main goals of the Geotechnical Engineering Office, Public Works Department, Taipei City Government. After finished the new version of environmental geology database in 2012, the Geotechnical Engineering Office carried out a project to assess the potential rating of Slopeland sensitive areas based on environmental geology database in Neihu district.

In this project, the Geotechnical Engineering Office established standard operating procedures (SOP) to estimate different risk levels for four types of natural slopeland sensitive areas, e.g. shallow landslide, rock fall, rotational slide, translational slide.

According to the result of slopeland risk assessments and risk levels, the Geotechnical Engineering Office could focus on the high risk slopeland area and execute managing plans actively to reduce the potential of slopeland hazard.

Key Words : Slope sensitive area, potential rating, slopeland safety management, environmental geology.

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