

滑坡防治方案的选择与优化

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摘要 在对滑坡性质的深入了解和治理方案的精心比选基础上, 经过40余年预防和治理了数以百计的滑坡和高边坡变形, 均取得成功。在此提出确定防治方案应考虑4个因素和不同类型滑坡的治理方案(包括用桥梁和隧道绕避滑坡的方案及线路通过滑坡的6种方案), 可为预防高边坡和路堤填方引起的“工程滑坡”的处理方案提供参考。

关键词 [边坡工程](#); [滑坡](#); [防治方案](#); [选择和优化](#)

分类号

CHOICE AND OPTIMIZATION OF LANDSLIDE CONTROL PLAN

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Abstract

The author of the paper and colleagues in Northwest Research Institute Co., Ltd. of China Railway Engineering Corporation have already treated several hundreds landslides and high slopes during the past 40 years and all landslides are controlled successfully. All the successes are due to the deep understanding of property of landslide and comparatively choice of control plans. In this paper, the author puts forward four factors that should be considered when determining landslide control plan and treatment plans for different types of landslides(including a plan of constructing bridge and tunnel to avoid landslide and six plans of line going through landslide) as well as a plan for preventing “engineering landslide” caused by high slope and filled embankment for reference.

Key words [slope engineering](#); [landslide](#); [control plan](#); [choice and optimization](#)

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