

专栏特邀主编: 李 滨 王文沛 高 杨

《中国地质灾害与防治学报》  
Zhongguo Dizhi Zaihai Yu Fangzhi Xuebao  
2024年第35卷第6期

目 次

青藏高原重大地质灾害风险防控专栏

- 贵德盆地席芨滩巨型滑坡前缘次级滑坡特征及其复活机理分析 ..... 王溢禧, 赵俊彦, 朱兴华, 于美冬, 陈彩虹 (1)  
强震条件下西藏则隆弄沟高位滑坡失稳特征研究 ..... 刘俊辰, 王文沛, 高 杨, 万佳威, 高少华 (15)  
西藏色东普沟 2024 年两期冰川泥石流堵江灾害发育特征研究 ..... 万佳威, 高浩源, 高 杨, 肖金城, 李 军, 李江山, 李浩文 (24)  
西藏林芝地区崩滑流灾害影响因子定量评价 ..... 余明威, 郭永刚, 苏立彬 (33)  
西藏林芝多雄河流域高位雪崩易发性评价 ..... 张平平, 李 滨, 高浩源, 万佳威 (44)  
西藏东南地区滑坡易发性多模型评价方法研究 ..... 藏烨祺, 郭永刚, 苏立彬, 王国闻, 吴升杰, 秦得顺 (58)

理论研究与调查评价

- 降雨作用下多软弱夹层边坡滑移机理分析 ..... 刘向峰, 于 冰, 郝国亮, 王来贵 (70)  
斜坡降雨侵蚀破坏机理现场试验研究——以四川甘洛黑西洛沟滑坡-泥石流残留边坡为例 ..... 吕 霞, 范 刚, 刘大瑞, 林子钰 (82)  
四川天全县白果树沟“7·15”泥石流成灾机理 ..... 黄光林, 胡卸文, 席传杰, 周瑞宸, 何 坤 (90)  
边坡地震系数剪切梁计算方法研究 ..... 王梦晨, 邓亚虹, 慕焕东, 杨 楠, 钱法桥 (98)  
黄土地基震陷可靠度分析 Kriging 代理模型研究 ..... 胡长明, 张思梦, 钱家志, 张 勇 (106)  
走滑断层作用下上覆土层的变形破坏机理 ..... 裴鹏程, 黄 帅, 袁 静, 张智康 (115)  
基于物理模拟试验的黄土高填方场地裂缝发育过程分析 ..... 曹静远, 郑建国, 于永堂, 曹 杰 (128)  
膨胀土裂隙对渠坡渗透性及工程效应影响研究 ..... 李 斌, 鞠远江, 宋 博, 张凯迪, 郝继锋, 张智敏 (137)

综合研究与区划

- 云南哀牢山地区地质灾害因子敏感性和易发性评价——以新平县为例 ..... 杨文礼, 白光顺, 孙 滨, 张卫锋, 杨雪梅 (145)  
四川什邡市地质灾害基本特征与易发性评价 ..... 陈锡锐, 陈思尧, 杨剑红, 刘虹强, 袁兆平, 朱国宝, 谢晓文, 蔡国军 (153)  
机载 LiDAR 技术在广州黄埔区地质灾害调查中的应用 ..... 李文龙 (164)

信息园地

- 《中国地质灾害与防治学报》2024年(第35卷)(总第149~154期)总目录 ..... (I)

期刊基本参数: CN11-2852/P \* 1990 \* b \* A4 \* 172 \* zh \* P \* ¥45.00 \* 3000 \* 17 \* 2024-12

本期责任编辑: 倪天翔 英文审校: 杜赛朝

# The Chinese Journal of Geological Hazard and Control

2024 Vol. 35 No. 6

## CONTENTS

Analysis on characteristics and reactivation mechanism of secondary landslides in the front part of the Xijitan giant landslide, Guide Basin .....	WANG Yixi, <i>et al.</i> (1)
Study on the unstable characteristics of high-level landslide in Zelongnong gou, Xizang under severe earthquakes .....	LIU Junchen, <i>et al.</i> (15)
Research on the characteristics of the Sedongpu glacial debris flow and river-damming hazards, occurred in April 15 and May 14, 2014, in Xizang, China .....	WAN Jiawei, <i>et al.</i> (24)
Quantitative evaluation of influencing factors for landslide, rockfall and debris flow hazards in the Nyingchi area of Xizang Autonomous Region .....	YU Mingwei, <i>et al.</i> (33)
Research on high-altitude avalanche susceptibility area zoning based on informativeness modeling in the Duoxiong River Basin, Nyingchi area of Xizang Autonomous Region .....	ZHANG Pingping, <i>et al.</i> (44)
Assessment of landslide susceptibility in southeast Xizang Region based on multiple models .....	ZANG Yeqi, <i>et al.</i> (58)
Analysis of sliding mechanism of the cut slopes with multi-weak interlayers under rainfall .....	LIU Xiangfeng, <i>et al.</i> (70)
Analysis of slope erosion and failure mechanism under rainfall conditions based on field experiments: A case study of the residual slope of landslide and debris flow in Hexiluo gully, Ganluo County, Sichuan Province .....	LYU Xia, <i>et al.</i> (82)
Mechanism of the “7•15” debris flow in Baiguoshu gully, Tianquan County, Sichuan Province .....	HUANG Guanglin, <i>et al.</i> (90)
Study on the calculation method of seismic coefficient for slope stability using shear beam theory .....	WANG Mengchen, <i>et al.</i> (98)
Reliability analysis of seismic subsidence of loess foundation based on Kriging surrogate model .....	HU Changming, <i>et al.</i> (106)
Deformation and failure mechanism of overlying soil layers under strike-slip fault action .....	PEI Pengcheng, <i>et al.</i> (115)
Analysis of crack development in loess deep filled ground based on physical modelling tests .....	CAO Jingyuan, <i>et al.</i> (128)
Study on the effect of fissures in expansive soils on permeability and engineering effects of canal slopes .....	LI Bin, <i>et al.</i> (137)
Sensitivity and susceptibility assessment of geological hazard factors: A case study of Xinping County in the Ailao mountain area of Yunnan Province, China .....	YANG Wenli, <i>et al.</i> (145)
Basic characteristics and susceptibility evaluation of geological hazards in Shifang City, Sichuan Province .....	CHEN Xirui, <i>et al.</i> (153)
Application of airborne LiDAR technology in geological hazard investigation in Huangpu District, Guangzhou City LI Wenlong .....	LI Wenlong (164)