

SYNTHETICAL CONTROL OF DEBRIS FLOW IN GUANJIA GULLY, WENXIAN COUNTY, GANSU PROVINCE

Shi Zhengtao Qi Long

(Lanzhou Institute of Glaciology and Geocryology, Chinese Academy of Sciences Lanzhou 730000)

Abstract

Guanjia Gully is one of the famous debris flow gully in China. There are 18 landslides and $647 \times 10^5 \text{ m}^3$ loosened solid material in the gully. The formation conditions of debris flow are extremely advantageous. In order to protect the farmland, villages, towns, roads and Wenxian Town, a comprehensive prevention countermeasure has been put forward according to formation features and disasters forms of debris flow, which is combining the engineering and biological measures, taking engineering measure as the dominant factor and combining the regulating and drainly measures, taking regulating measure as the dominant factor.

Key words Gansu Province, Wenxian County, Guanjia Gully, debris flow, synthetic control

我国首次出版省区市级滑坡危险度区划图

中国科学院 水利部成都山地灾害与环境研究所编制的《1:100万四川省滑坡分布及危险度区划图》(含重庆市),于1996年由成都地图出版社出版。这幅地图用八种颜色印刷,双全开版面,为国内首次编制出版的省区市级滑坡危险度区划图。图上可查出1900余处灾害性滑坡发生的地点、年代及规模、类型,可分析某个地区滑坡分布的特点和规律。为充分反映滑坡分布密度与环境条件的关联,该图标明了相关的地层、地质构造、地震和地貌等分类区划因素,用12项判别因子划分出47个危险度区,并以说明书、附表、插图等对区划方法、危险度分区作了详尽阐述。该图内容丰富,实用性强,在宏观指导城镇建设、生产布局、交通选线、山地灾害评估等方面具有重要参考价值,并提供了科学依据。若需了解图的详情者(单位和个人均可),请与成都市417信箱(邮编:610041)冯海燕同志联系。

中国科学院 水利部成都山地灾害与环境研究所 冯海燕