

# 山地学报 第 27 卷 (2009) 总目次

## 第 1 期

科学面对山区发展已是刻不容缓——写自汶川大地震的警示 .....	邓伟 (1)
山地河流的河相关系及其变化趋势——以怒江、澜沧江和金沙江云南河段为例 .....	王随继, 魏全伟, 谭利华, 等 (5)
岭谷组合地形的植被空间变异性对比及成因 .....	郝成元, 张永领, 吴绍洪 (14)
量化中国山区范围——以四川省为例 .....	江晓波, 曾鸿程 (24)
哀牢山亚热带常绿阔叶林林区太阳辐射特征 .....	高进波, 张一平, 巩合德, 等 (33)
天山西部寒区山地生态系统近 40 年来气候变化特征——以中国科学院天山积雪雪崩研究站为例 .....	史志文, 徐俊荣, 陈忠升, 等 (41)
广东省花岗岩区侵蚀土壤类型及其防治对策 .....	张运英 (49)
澜沧江某冰水堆积体演化过程及工程地质问题探讨 .....	涂国祥, 黄润秋, 邓辉 (54)
雪崩灾害的遥感量化分析与工程选线 .....	陈楚江, 余绍淮, 王丽园, 等 (63)
稀性泥石流容重计算的改进方法 .....	余斌 (70)
青藏高原土壤侵蚀评价体系及监测方法 .....	刘淑珍, 刘海军, 钟祥浩, 等 (76)
西藏波密天摩沟“9·4”特大泥石流形成的气象条件 .....	余忠水, 德庆卓嘎, 马艳鲜, 等 (82)
西藏当雄高寒草甸碳通量定位观测站小气候的基本特征 .....	张冰松, 石培礼, 何永涛, 等 (88)
西藏土地利用综合分区 .....	廖晓勇, 陈治谏, 王海明, 等 (96)
由汶川地震引发对中国地震预报的方法学反思 .....	王铮, 宋雅杰, 熊文, 等 (102)
汶川 5·12 地震次生泥石流沟应急判识方法与指标 .....	陈宁生, 黄蓉, 李欢, 等 (108)
青川县马鹿乡地震灾后恢复重建的地质灾害危险性评估 .....	冯杭建, 王兰中, 唐小明 (115)
5·12 汶川地震重灾区水土流失初步估算 .....	陈晓清, 李智广, 崔鹏, 等 (122)
天道酬勤 铸就辉煌——《水文学研究进展》述评 .....	马文潭 (128)

## 第 2 期

中国暖温带山地植被生态学研究进展 .....	上官铁梁, 李晋鹏, 郭东罡 (129)
浅析江河源区生态系统脆弱性研究的科学问题 .....	方一平, 秦大河, 丁永建 (140)
人工林生态采运研究进展 .....	周新年, 巫志龙, 罗积长, 等 (149)
山区可持续发展立法与罗马尼亚山区法考察 .....	陈真亮, 李明华 (157)
地缘经济区视角下的行政区边缘山地经济协同发展——以渝黔湘鄂结合部的武陵山区为例 .....	冯佺光 (166)
2008 年春季中国南方冰雪冻害林木物理折损典型样带分析 .....	邵全琴, 黄麟, 刘纪远, 等 (177)
山地丘陵坡地逆温效应对果树避冻的影响 .....	兰忠明, 张辉, 蔡文华 (188)
濒危植物桫欏种群格局的分形特征 .....	宋萍, 洪伟, 吴承祯, 等 (195)
哀牢山北段地区气候特征及变化趋势 .....	刘洋, 张一平, 刘玉洪, 等 (203)
四川盆地丘陵区土壤水分空间变异及其时间稳定性分析 .....	王改改, 魏朝富, 吕家恪, 等 (211)
蒋家沟流域土壤湿度变化模拟 .....	汤家法 (217)
机动位移法在顺层岩质边坡稳定性分析中的应用 .....	曹兴松, 赵其华, 周德培, 等 (223)
乌池坝隧道围岩不定位块体稳定性分析 .....	李彧磊, 晏鄂川, 李英 (230)
雅江县额稀沟堆积扇成因分析及工程意义 .....	刘维国, 沈军辉, 章志峰, 等 (235)
西藏帕里湖卫星遥感监测 .....	王治华, 徐起德 (240)
青藏高原全新世环境变化的兹格塘错元素地球化学沉积记录 .....	张宏亮, 李世杰, 于守兵, 等 (248)

## 第 3 期

应用层次分析法评价闽西北山地马尾松—阔叶树混交林的综合效益 .....	樊后保, 刘文飞, 李燕燕, 等 (257)
高寒金露梅灌丛草甸植被反射率特征 .....	李英年, 赵亮, 赵新全, 等 (265)
川中丘陵区人工桉柏混交林根呼吸对土壤总呼吸的贡献 .....	王小国, 朱波, 高美荣, 等 (270)
茂兰喀斯特森林林隙物种多样性的动态规律 .....	龙翠玲 (278)
天山北麓流域面积高度积分特征及其构造意义 .....	赵洪壮, 李有利, 杨景春, 等 (285)
陇中黄土丘陵区乡村聚落时空演变的模拟分析——以甘肃省秦安县为例 .....	郭晓东, 牛叔文, 李永华, 等 (293)
纵向岭谷区生态环境对气候变化的适应性评价 .....	何云玲, 张一平 (300)
白马雪山南段野生动物肇事的时空格局 .....	杨文忠, 和淑光, 沈永生 (306)
地质地貌因素对喀斯特石漠化的影响——以广西大化县为例 .....	杨青青, 王克林, 陈洪松, 等 (311)
重庆四面山地区几种不同配置模式水土保持林生物多样性研究 .....	卢炜丽, 张洪江, 杜士才, 等 (319)
泸溪县烤烟面积遥感监测最佳时相的选择 .....	彭光雄, 沈蔚, 郭继发 (326)
红河流域 NDV 时空变化及其与气候因子的关系 .....	李运刚, 何大明 (333)
基于 3S 技术的金沙江干热河谷区 LUCC 研究——以云南省元谋县为例 .....	何锦峰, 苏春江, 舒兰, 等 (341)
陕西翠华山水湫池崩塌遗迹形成年代 .....	吴成基, 赵辉, 胡炜霞, 等 (349)
龙虎山世界地质公园丹霞地貌特征及与国内其他丹霞地貌的对比 .....	姜勇彪, 郭福生, 胡中华, 等 (353)
地质遗迹资源调查以及评价方法 .....	张国庆, 田明中, 刘斯文, 等 (361)
乐山大佛风化剥蚀及渗水病害防治对策 .....	周骏一 (367)
广西凤山岩溶国家地质公园典型地质遗迹景观价值 .....	徐胜兰, 张远海, 黄保健, 等 (373)
喀斯特风景溶洞的新发现: 江油观音洞 .....	陈飞虎 (381)

## 第 4 期

长江上游干支流近期水沙变化及其与水库修建的关系 .....	许炯心 (385)
天山南坡科其喀尔巴西冰川消融估算 .....	卿文武, 陈仁升 (394)
新疆哈密八大石森林上限树轮记录的温度变化信息 .....	徐国保, 刘晓宏, 陈拓, 等 (402)
长江源区五道梁的大气质量状况 .....	李韧, 赵林, 丁永建, 等 (411)
祁连山冷龙岭南坡小气候及植被分布特征 .....	王建雷, 李英年, 杜明远, 等 (418)
秃杉人工林速生阶段的碳库与碳吸存 .....	何斌 (427)
橡胶—大叶千斤拔复合生态系统中的植物生长与土壤水分养分动态 .....	庞家平, 陈明勇, 唐建维, 等 (433)
鼎湖山木荷 (Schima Superba) 粗死木质残体的分解研究 .....	杨方方, 李跃林, 刘兴诏 (442)
流域演化与泥石流的系统性——以云南东川蒋家沟为例 .....	李泳, 胡凯衡, 苏凤环, 等 (449)
泥石流源地土体应力应变特性对降雨响应过程的分析——以蒋家沟泥石流为例 .....	王裕宜, 詹钱登, 洪勇, 等 (457)
基于地质灾害易发程度分区的滑坡预报模型 .....	周国兵, 马力, 韩余 (466)
滑坡综合预报方法研究 .....	孔纪名, 李秀珍, 刘正梁, 等 (471)
基于有限比较法研究万州区滑带土干重度的概率分布 .....	刘莲花, 罗文强 (478)
汶川地震灾区城镇化与进城务工人员空间分异及流向分析 .....	方创琳, 李茂勋, 吴丰林 (482)
扬子准地台北边缘地区地壳稳定性问题 .....	何耀灿 (490)
汶川地震区青川县乔庄镇地震断裂问题 .....	刘根亮, 李渝生, 陈佳, 等 (496)
2008 年汶川地震重灾区的泥石流 .....	谢洪, 钟敦伦, 矫震, 等 (501)
《生态产业园区: 可持续发展的社区实践》简评 .....	陈国阶 (510)
对《土壤生态研究》一书的评价 .....	何毓蓉 (511)
我国首部世界生态工程专著——《世界重点生态工程研究》问世 .....	冯海燕 (512)

## 第 5 期

退耕还林政策对山地植被空间格局变化的驱动分析 .....	张志明, 孙长青, 欧晓昆 (513)
------------------------------	---------------------

湘西北侵蚀小流域生态恢复适宜度与景观格局特征 .....	漆良华, 张旭东, 周金星, 等 (524)
岷江上游干旱河谷区阳坡土壤性质空间分异特征 .....	唐家良, 周麟, 罗贵生, 等 (531)
基于地统计学和 GIS 的福建省降雨侵蚀力空间格局 .....	张坤, 洪伟, 吴承祯, 等 (538)
泥石流流速研究现状与发展方向 .....	韦方强, 胡凯衡 (545)
“东川型”排导槽结构对泥石流流速影响的实验研究 .....	黄海, 马东涛, 王显林 (551)
泥石流堵塞主河条件 .....	党超, 程尊兰, 刘晶晶 (557)
永定河流域典型区土地利用/覆被变化 .....	张玉虎, 贾海峰, 于长青 (564)
云南纵向岭谷区土地利用的侵蚀环境效应 ——以黑惠江、龙川江、盘龙河流域为例 .....	周跃, 丁文荣, 曾和平, 等 (573)
岷江上游土地利用的时空分异 .....	杨德伟, 张云红, 王道杰, 等 (579)
平原与山区土地利用/覆被变化对比——以双流县和米易县为例 .....	杨树贤, 苏春江 (585)
湖南省万金矿矿山地质环境质量综合评价 .....	曾玉清, 匡文龙 (593)
土地利用/覆被变化对土壤温室气体排放通量影响 .....	刘惠, 赵平 (600)
回应气候的山地城镇与建筑设计 .....	冒亚龙 (605)
基于景观生态学的山地小城镇建设规划——以重庆柳荫镇为例 .....	毛华松, 张兴国 (612)
丘陵山区城市竞争力的定量评价——以粤闽湘赣省际边界区域地级市为例 .....	尚正永, 张小林, 白永平 (618)
汶川震区北川县城魏家沟暴雨泥石流灾害调查分析 .....	唐川, 铁永波 (625)
柔性框架石笼在大型崩塌体治理工程中的应用 ——以 5° 12 汶川地震区豆芽坪崩塌错落体为例 .....	王全才, 王兰生, 李宗有, 等 (631)
5° 12 四川汶川地震次声波 .....	章书成, 余南阳 (637)

### 第 6 期

纳木错流域冰川和湖泊变化对气候变化的响应 .....	陈锋, 康世昌, 张拥军, 等 (641)
西藏纳木错植物物候及其对气候的响应 .....	吕新苗, 康世昌, 朱立平, 等 (648)
水文气象学方法计算喜马拉雅山北坡冰川流域物质平衡 .....	汪奎奎, 刘景时, 巩同梁, 等 (655)
青藏高原植被垂直带与气候因子的空间关系 .....	许娟, 张百平, 谭靖, 等 (663)
高寒草地沙漠化土地固碳潜力分析——以黄河源区为例 .....	曾永年, 马正龙, 冯兆东 (671)
藏东横断山区草地利用变化对土壤质量的影响 .....	聂小军, 刘淑珍, 刘海军, 等 (676)
三江源地区土壤侵蚀特点 .....	吴万贞, 周强, 于斌, 等 (683)
金露梅灌丛草甸氧化亚氮排放特征及冻融交替的影响研究 .....	杜岩功, 曹广民, 邓永翠, 等 (688)
水土流失对山地旅游地水体观光功能影响研究 .....	李跃军, 孙虎 (698)
大兴安岭北部长白山高山林线动态与气候变化的关系 .....	常锦峰, 王襄平, 张新平, 等 (703)
天山南、北坡河流出山径流对气候变化的敏感性分析——以开都河与乌鲁木齐河出山径流为例 .....	蓝永超, 钟英君, 吴素芬, 等 (712)
桂西北喀斯特区常绿落叶阔叶混交林种群间联结性与相关性 .....	韩文衡, 李先琨, 叶铎, 等 (719)
西南地区水耕人为土诊断层土壤特性及 SEM 特征 .....	何毓蓉, 徐祥明, 刘黎 (727)
土层厚度对紫色土地区生产力的影响 .....	朱波, 况福虹, 高美荣, 等 (735)
紫色土母质的分布及其地质环境——紫色土再研究 .....	青长乐, 牟树森, 朱波, 等 (740)
薄盒式光纤岩体裂缝计研究 .....	谢全敏, 吴定洪, 王红彬, 等 (747)
信息重分类在土地覆盖动态监测中的应用——以澜沧江梯级电站库区为例 .....	刘洪江, 陈丽晖, 刘连忠 (752)
纪念中国首次珠穆朗玛峰科学考察 50 周年 .....	王明业 (757)
师恩情深 缱绻默思——陈述彭院士逝世 1 周年纪念 .....	陈昱 (759)

## JOURNAL OF MOUNTAIN SCIENCE CONTENTS of Vol.27, 2009

## No. 1

- Faced with the Scientific Development of Mountain Areas is Imperative——Write since Wenchuan Earthquake Waming  
..... DENG Wei (4)
- River Regime and Its Variety of the Mountainous Rivers: Najiang, Lancangjiang and Jinshajiang Rivers for Their  
Reaches in Yunnan Province of China ..... WANG Suiji, WEI Quanwei, TAN Lihua et al. (13)
- Comparisons on EVI Spatial Variation and Causes Exploration among Different Mountains in the Southwest Yunnan Province of China  
..... HAO Chengyuan, ZHANG Yongling, WU Shaohong (23)
- Quantifying Mountain Regions of China——A Case Study in Sichuan ..... JIANG Xiaobo, ZENG Hongcheng (32)
- Characteristics of Solar Radiation of Subtropical Broad-leaved Forest Area in Ailao Mountains, Southwest China  
..... GAO Jinbo, ZHANG Yaping, Gong Hede et al. (40)
- Analysis on Climatic Changes under Global Climatic Change——A Case Study of Tianshan Snow and Avalanche Research Station  
..... SHI Zhiwei, XU Junrong, CHEN Zhongsheng et al. (48)
- Eroding Soil Types and Their Management Countermeasures of Granite Regions in Guangdong Province, China  
..... ZHANG Yunying (53)
- Discussion about the Evolution and the Geoengineering Problems of an Outwash Deposits, Lantsang  
..... TU Guoxiang, HUANG Runqiu, DENG Hui (62)
- The Quantitative Analysis of Snow Avalanches with Remote Sensing and Engineering Scheme Selection  
..... CHEN Chujiang, YU Shaohuai, WANG Liyuan et al. (69)
- Research on the Improved Calculating Density of Less Viscosity Debris Flows ..... YU Bin (75)
- The Study on Evaluation System and Monitoring Method of Soil Erosion on the Tibet Plateau  
..... LU Shuzhen, LIU Haijun, ZHONG Xianghao et al. (81)
- Analysis of Meteorological Conditions about “9·4” Debris Flow in Taimo Gully, Boni County of Tibet  
..... YU Zhongshui, DE Qingzhuoga, MA Yanxian et al. (87)
- The Climate Feature of Damxung Alpine Meadow Carbon Flux Research Station on the Tibetan Plateau  
..... ZHANG Bingsong, SHI Peili, HE Yongtao et al. (95)
- The Research about Comprehensive Division of Tibet Land Utilization  
..... LIAO Xiaoyong, CHEN Zhijian, WANG Haiming et al. (101)
- Thinking China's Earthquake Forecast on Methodology due to “Wenchuan Earthquake”  
..... WANG Zheng, SONG Yajie, XIONG Wen et al. (107)
- Emergency Judge Method and Index of Debris Flow Sites Triggered by 5·12 Wenchuan Earthquake  
..... CHEN Ningsheng, HUANG Rong, LI Huan et al. (114)
- Appraise of Geology Disaster Fatality for Rebuilding Plan of Malu of Qingchuan after 5·12 Wenchuan Earthquake  
..... FENG Hanguan, WANG Xiaoming, TANG Lanzhong (121)
- Estimation of Soil Erosion Caused by the 5·12 Wenchuan Earthquake ..... CHEN Xiaoping, LI Zhiqiang, CUI Peng et al. (127)

## No. 2

- Advance in Mountain Vegetation Ecology in the Warm-temperate Zone of China  
..... SHANGGUAN Tielang, LI Jinteng, GUO Donggang (139)
- Scientific Issues of Ecosystem Vulnerability Research in the Source Regions of Yangtze and Yellow Rivers  
..... FANG Yaping, QIN Dahe, DING Yongjian (148)
- Progress in Artificial Forest Ecological Logging ..... ZHOU Xianxian, WU Zhibing, LUO Jizhang et al. (156)
- Legislation of Mountain Sustainable Development and a Presentation and Evaluation on the Romania Mountain Law  
..... CHEN Zhenliang, LIM Jinghua (162)
- Mountainous Region Economy Synergistic Development among the Edges of Administrative Areas under the Geoeconomic Regional Angle  
——Taking the Wuling Mountainous Regions in Combination of Chongqing, Guizhou, Hubei and Hunan as Examples  
..... FENG Quanguang (176)
- Analysis of Forest Damages Caused by the Snow and Ice Chaos in Transect of Southern China in 2008 Spring

- ..... SHAO Quanqin HUANG Lip LIU Jiyuan et al (187)  
Effect of Spring Field Temperature Inversion on Fruits Avoiding Freezing Injury in Mountainous Region
- ..... LAN Zhongming ZHANG Hui CAI Wenhua (194)  
Fractal Characteristics of Pattern of Endangered Plant *Alophia spinulosa* Population
- ..... SONG Ping HONG Wei WU Chengzhen et al (202)  
Climate Change from 1980 to 2005 in the Ailao Mountains Southwest China
- ..... LIU Yang ZHANG Yiping LIU Yuhong et al (210)  
Spatial Variation and Its Temporal Stability of Soil Water in Hilly Area of Sichuan Basin
- ..... WANG Gaogai WEI Chaofu LÜ Jiale et al (216)  
The Simulation of the Variation of the Soil Moisture in the Jiangjia Ravine Yunnan
- ..... TANG Jiafei (222)  
A Application Research of Mobile Displacement Method in Parallel Rock Slope Stability Analysis
- ..... CAO Xingsong ZHAO Qihua ZHOU Depei et al (229)  
Stability Analysis of Unloaded Block of Surrounding Rock in Wuchiba Tunnel
- ..... LI Yulei YAN E Chuan LI Ying (234)  
Cause and Engineering Significance of Accumulation Fan in Exi Ravine at Yajiang County
- ..... LIU Weiguo SHEN Junhui JIA Lijie et al (239)  
Satellite Remote Sensing Monitoring for Pali Lake of Tibet China
- ..... WANG Zhihua XUE Qide (247)  
Holocene Environmental Change Record Derived from Elements in the Sediment Core of Zegong Lake Tibetan Plateau
- ..... ZHANG Hongjiang LI Shijie YU Shoubing et al (256)

## No 3

- Application of Analytic Hierarchy Process to Assessing the Integrated Values of Mixed Masson Pine Hardwood  
Forests in Northwestern Fujian Mountain ..... FAN Houbao LIU Wenfei LI Yanyan et al (264)  
The Dynamic Features of A Pine *Potentilla fruticosa* Shrub Meadow Vegetation Reflectivity
- ..... LI Yingnian ZHAO Xinquan WANG Qinxue et al (269)  
Contribution of Root Respiration to Soil Respiration in a Alder and Cypress Mixed Plantation in Hilly Areas of Sichuan Basin
- ..... WANG Xiaoguo ZHU Bo GAO Meirong et al (277)  
Study on Dynamic Pattern of Species Diversity in Gaps of Karst Forest in Maojian Natural Reserve Guizhou Province
- ..... LONG Cuiling (284)  
Geomorphology Characteristic and Tectonic Response of the Northern Tianshan Represented by Hypsometric Integral
- ..... ZHAO Hongzhuang LI Youji YANG Jingchun et al (292)  
Modeling the Spatio-Temporal Variability of Rural Settlements in Loess Hilly Area of Gansu Province
- Taking Qin'an County of Gansu Province for Example ..... GUO Xiaolong NIU Shuwen LI Yonghua et al (299)  
Adaptation Assessment of Eco-environment in the Longitudinal Range Gorge Region (LRGR) under the Changing Climate
- ..... HE Yunling ZHANG Yiping (305)  
Spatio-temporal Patterns of Wildlife Damages in Southern Part of Mt. Bainaxueshan
- ..... YANG Wenzhong HE Shuguang SHEN Yongsheng (310)  
Effects of Geology and Landform on Karst Rock Desertification: A Case Study in Dahua County of Guangxi China
- ..... YANG Qingqing WANG Kelin CHEN Hongsong et al (318)  
Studies on Biodiversity in Five Different Deposition Model of Soil and Water Conservation Forest in Chongqing Siman Mountain
- ..... LU Wei LI ZHANG Hongjiang DU Shicai et al (325)  
Selection of the Optimal Temporal Phase for Flue-cured Tobacco Remote Sensing Monitoring in Luxi County
- ..... PENG Guangxiong SHEN Wei GUO Jifei (332)  
The Spatial and Temporal Variation of NDVI and Its Relationships to the Climatic Factors in Red River Basin
- ..... LI Yungang HE Daming (340)  
A 3 S Based Study on Landuse and Land Cover Change in the Jinshajiang Xerothermic Valley
- A Case of Yuamou County Yunnan Province ..... HE Jinfeng SU Chunjiang SHU Lan et al (348)  
The First Step Studying of From the Age of Collapses Remains in Shaanxi Cuihua Mountain
- ..... WU Chengji ZHAO Hui HU Weixia et al (352)  
A Study on the Features of Danxia Landform in Longhushan World Geopark and Comparing with Others in China
- ..... JIANG Yongbiao GUO Fusheng HU Zhonghua et al (360)  
The Methods of Investigation and Evaluation of Geopark Heritage Resources
- ..... ZHANG Guoqing TIAN Mingzhong LIU Siwen et al (366)  
The Prevention Countermeasures of Leshan Giant Buddha Weathering Erosion and Seepage Harm ..... ZHOU Junyi (372)

Comparative Analysis on Value of Typical Geological Trace Landscapes of Guangxi Fengshan Karst National Geopark .....	XU Shenglan ZHANG Yuanhai HUANG Baojian et al (380)
New Discovery on Karst Scenery Cave Jiaingyou GuanYin Cave .....	CHEN Feihu (384)
No.4	
Recent Variations in Water and Sediment in Relation with Reservoir Construction in the Upper Changjiang River Basin .....	XU Jiongxin (393)
Ablation Estimation on the Keqicarhaxi Glacier on the South Slopes of the Tianshan Mountains .....	QING Wenwu CHEN Rensheng (401)
Temperature Variations Recorded in Tree-ring Width at Timberline Forest in Hami Badashi Xinjiang .....	XU Guohao LIU Xiaohong CHEN Tuo et al (410)
The Condition of Atmospheric Quality over Wudaojiang .....	LI Ren ZHAO Lin DING Yongjian et al (417)
The Features of Microclimate and Vegetation Distribution on the Southern Lenglongling Qilian Mountains .....	WANG Jianke LI Yingnan DUMingyuan et al (426)
Carbon Stock and Carbon Sequestration in Taiwan's Ficusiana Plantation at Fast Growing Stage .....	HE Bin (432)
The Dynamics of Plant Growth and Soil Moisture and Nutrient in the Rubber Plantation and Rubber Farming in macrophylla Agroforestry System in Xishuangbanna Southwest China .....	PANG Jiaoping CHEN Mingyong TANG Jianwei et al (441)
Decomposition of Coarse Woody Debris (CWD) of Dominant Species Schima superba in Monsoon Evergreen Broadleaved Forest of Dinghushan Nature Reserve .....	YANG Fangfang LI Yuelei LIU Xinzha (448)
Debris Flow Viewed from the Basin Evolution—A Case Study of Jiangjia Gulley, Yunnan .....	LI Yong HU Kaiheng SU Fenghuan et al (456)
Analysis of Rheological Characteristics of Soil in Source Area of Debris Flow to Answer Process to Rainfall .....	WANG Yuyi JIAN Qiangeng YONG Hong et al (465)
The Research of Landslide Forecast Model Based on the Subarea of Easily to Produce Geological Disaster .....	ZHOU Guobing MA Li HAN Yu (470)
A Study of Comprehensive Prediction Method for Landslides .....	KONG Jinteng LI Xuzhen LIU Zhengjiang et al (477)
The Study of Probability Distribution of Dry Unit Weight of Landslide Zone Soil in Wanzhou Area on Finite Contrast Method .....	LIU Lianhua LUO Wenjiang (481)
Analysis on Urbanization and the Spatial Differentiation and Flow of the Migrant Workers in Wenchuan Earthquake-stricken Regions .....	FANG Chuangli LIMaoxun WU Fenglin (489)
Stability of the Northwest Edges of Yangze Paraplatform .....	HE Yaocan (495)
The Problem of Earthquake Fault about Qiaozhuang Town in the Qingchuan County after Wenchuan Earthquake .....	LIU Genjiang LI Yusheng CHEN Jia et al (500)
Debris Flow in Wenchuan Quake-hit Area in 2008 .....	XIE Hong ZHONG Dunlin JIAO Zhen et al (509)
No.5	
Mountain Vegetation Spatial Pattern Changes Affected by Slope Land Conservation Program (SLCP) .....	ZHANG Zhiming SUN Changqing OU Xiaokun (523)
Ecological Restoration Suitability and Landscape Pattern Characteristics in a Watershed Northwest Hunan .....	QILianhua ZHANG Xudong ZHOU Jinxing et al (530)
Spatial Characteristics of Degraded Soil on South-facing Hillslope in the Dry Valley of Minjiang River .....	TANG Jialiang ZHOU Lipi LUO Guisheng et al (537)
Study on the Spatial Pattern of Rainfall Erosivity Based on Geostatistics and GIS of Fujian Province .....	ZHANG Kun HONG Wei WU Chengzhen et al (544)
Review and Trends on Debris Flow Velocity Research .....	WEI Fangqiang HU Kaiheng (550)
Experimental Study on the Relationships between the Velocity of Debris Flow and Structure of the Dongchuan Debris Flow Channel .....	HUANG Hai MA Dongtao WANG Xianlin (556)
Critical Conditions for Dam-forming due to Injunction of Debris Flow into Mainstream .....	DANG Chao CHENG Zunan LIU Jingjin (563)
Study on Land Use/Cover Change in Typical Areas of Yongding River Watershed .....	ZHANG Yuhui JIA Haifeng YU Changqing (572)
Erosion-environmental Effect of Land-use in Alpine Gorges in West Yunnan: Taking Three Drainage Areas as Example .....	ZHOU Yue DING Wenrong ZEN Heping et al (578)

Spatio-temporal Variation of Land Use Changes in the Upper Reaches of Minjiang River

- ..... YANG Dewei ZHANG Yunhong WANG Daojie et al (584)
- A Comparative Study between Plain and Mountain on LUCC Case Study of Shuangliu County and M'yi County Sichuan
- ..... YANG Zhongxian SU Chunjiang (592)
- Comprehensive Evaluation on Mine Geological Environment Quality of Wangu Gold Mine in Hunan Province
- ..... ZENG Yuqing KUANG Wenbing (599)
- On the Impacts of Land use/cover Change on Greenhouse Gas Emission Fluxes
- ..... LIU Hui Zhao Ping (604)
- Mountainous Urban Planning and Architectural Design According to Climate
- ..... MAO Yabing (611)
- Study on Construction Planning of Mountainous Towns Based on Landscape Ecology
- ..... MAO Huasong ZHANG Xingguo (617)
- Quantitative Evaluation on Urban Competitiveness in Mountainous Areas
- A Case of Cities in Inter-Provincial Boundary Area of Guangdong Fujian Hunan and Jiangxi
- ..... SHANG Zhengyong ZHANG Xiaolin BAI Yongping (624)
- Reconnaissance and Analysis on the Rainstorm Induced Debris Flow in Weijagou Valley of Beichuan City after the Wenchuan Earthquake
- ..... TANG Chuang TE Yongbo (630)
- Application of Flexible Stone Gabion Framework in Large-scale Rock-collapse Controlling Engineering
- A Case Study of Duwen Road Douyaping Collapse Induced by Wenchuan "5.12" Earthquake
- ..... WANG Quancai WANG Lansheng LI Zongyou et al (636)
- Infrasound Waves from Wenchuan Earthquake "5.12", 2008
- ..... ZHANG Shucheng YU Nanyang (640)

## No.6

Glaciers and Lake Change in Response to Climate Change in the Nam Co Basin Tibet

- ..... CHEN Feng KANG Shichang ZHANG Yongjun et al (647)
- Phenology Characters of Dominant Plants in the Nam Co Basin and Its Response to Climate Tibet
- ..... LÜ Ximiao KANG Shichang ZHU Liping et al (654)
- Computation on the Mass Balance of Glaciers in North Himalaya with a Hydrometeorological Method
- ..... WANG Kuke LIU Jingshi GONG Tongliang et al (662)
- Spatial Relationship between Altitudinal Vegetation Belts and Climatic Factors in the Qinghai-Tibetan Plateau
- ..... XU Juan ZHANG Baiping TAN Jing et al (670)
- Potential to Sequestering Carbon from Atmosphere through Rehabilitating Desertified Land in the Head Water of the Yellow River
- ..... ZENG Yongnian MA Zhenglong FENG Zhaodong (675)
- Impacts of Grassland-use Change on Soil Quality in the Hengduan Mountain Region Eastern Tibet
- ..... NIE Xiaojun LIU Shuzhen LU Haijun et al (682)
- Characteristics of Soil Erosion in Three Rivers Sources Natural Reserve
- ..... WU Wanzhen ZHOU Qiang YU Bin et al (687)
- Characterization of and the Effect of Freezing Thawing on  $N_2O$  Emission in an Alpine Potentilla fruticosa Shrub Meadow
- ..... DU Yangong CAO Guangmin DENG Yongcai et al (697)
- Effect of the Soil Erosion on the Water Landscape of Mountain Tourist Destination
- ..... LI Yuejun SUN Hu (702)
- Alpine Timberline Dynamics in Relation to Climatic Variability in the Northern Daxing'an Mountains
- ..... CHANG Jinfeng WANG Xiangping ZHANG Xinping et al (711)
- Sensitivity of Mountain Runoff of Rivers Originated from the South Slope and the North Slope of the Tianshan Mountain to Climate Change—— Taking Mountain Runoff of Urumqi River and Kaidu River for Example
- ..... LAN Yongchao ZHONG Yingjun WU Suifen et al (718)
- Interspecific Association and Correlation between Dominant Woody Plant Species in an Evergreen and Deciduous Broad-leaved Mixed Forest of Karst Area Northwest Guangxi
- ..... HAN Wenheng LI Xiankun YE Duo et al (726)
- Soil Properties and SEM Features of Diagnostic Horizon of Stagnic Anthrosoles in Southwestern China
- ..... HE Yuong XU Xiangning LIU Li (734)
- Effects of Soil Thickness on Productivity of Sloping Cropland of Purple Soil
- ..... ZHU Bo KUANG Fuhong GAO Meirong et al (739)
- Worldwide Distributions and Geological Environments of Parent Rocks of Purple Soil
- More Insight into Purple Soil
- ..... QING Changle MU Shusen ZHU Bo et al (746)
- Study on a Thin Cassette Optical Fiber Rock Mass Crack Gauge
- ..... XIE Quamin WU Dinghong Wang Hongbin et al (751)
- Information Reclassification and Its Application in the Land-cover Dynamics Monitoring
- Taking Lancangjiang Cascade Hydropower Stations as an Example
- ..... LIU Hongjiang CHEN Lihui LIU Lianzhong (756)