

# 山地学报 第 25 卷(2007) 总目次

## 第 1 期

岷江上游干旱河谷灌丛研究 .....	杨钦周(1)
西双版纳海拔变化对水湿状况的影响 .....	郑 征,李佑荣,张树斌,等(33)
三种高寒草甸植被分布及与湍流交换通量关系的比较 .....	李英年,古 松,赵新会,等(39)
地貌差异条件下的县级尺度土壤环境综合评价方法——以江苏省仪征市为例 .....	许端阳,姜小三,潘剑君,等(45)
基于因子分析方法的中国植被 DNVI 与气候关系研究 .....	孙艳玲,延晓冬,谢德体(54)
广西山区气候资源小网格推算模型 .....	丁美花,苏永秀,李 政,等(64)
高速远程崩滑动力学的研究现状及发展趋势 .....	程谦恭,张倬元,黄润秋(72)
基于 GIS 和双变量分析模型的三峡库区滑坡灾害易发性制图 .....	白世彪,王 建,闫国年,等(85)
高地震烈度区堆积体边坡动力响应时程特征分析 .....	周永江,王开云,符文熹,等(93)
冰碛物滑坡中的锚固工程试验 .....	喻林青,蔡庆娥(99)
基于 GPS 技术的活动断裂监测——以鲜水河、龙门山断裂为例 .....	唐文清,刘宇平,陈智梁,等(103)
西藏米拉山区土壤主要养分元素垂直分布特征 .....	钟国辉,钟政昌,田发益,等(108)
<sup>137</sup> Cs 示踪法研究青藏高原草甸土的土壤侵蚀 .....	李元寿,王根绪,王军德,等(114)
基于多源数据的山地地膜数字解译 .....	姚永慧,周成虎,孙然好,等(122)

## 第 2 期

西藏小城镇体系发展思路及其空间布局和功能分类 .....	钟祥浩,李祥妹,王小丹,等(129)
陕西黄土高原城镇体系及城镇化模式 .....	周忠学,任志远(136)
丘陵区城镇体系的分形特征——以江西省赣州市为例 .....	尚正永,白永平(142)
山地城市的分形美学特征 .....	冒亚龙,欧阳梅娥(148)
嘉陵江流域年径流量的变化及其原因 .....	许炯心,孙 季(153)
安徽牯牛降的植物多样性垂直分布特征——兼论山顶效应的影响 .....	沈泽昊,胡志伟,赵 俊,等(160)
纵向岭谷区“通道-阻隔”作用下气温和降雨的空间分布特征 .....	何云玲,张一平(169)
近 50 年来新疆天山山区水循环要素的变化特征与趋势 .....	蓝永超,吴素芬,钟英君,等(177)
地震作用下顺层岩质边坡稳定性的拟静力分析 .....	李维光,张继春(184)
三峡库区重庆市万州区塌岸现状调查 .....	吉 锋,葛 华,刘汉超,等(190)
区域滑坡灾害风险评价方法研究 .....	金江军,潘 懋,李铁锋(197)
丹巴滑坡的位移特征 .....	樊晓一,乔建平,田宏岭(202)
长江三峡库区云阳-巫山段斜坡坡度对滑坡的贡献率 .....	乔建平,吴彩燕,田宏岭(207)
人工林伐区不同集材方式对林地土壤的影响 .....	张正雄,周新年,陈玉凤(212)
环境友好的木材物流系统优化 .....	邱荣祖,张正雄,黄总河,等(218)
林木根系本构关系 .....	陈丽华,余新晓,刘秀萍,等(224)
马占相思人工林土壤有机碳的异质性 .....	李跃林,郎黎明,张 云,等(229)
岷江上游大沟流域油松人工幼林生物量组成及其影响因素 .....	李武斌,包维楷,何丙辉(236)
青海南部冬季积雪和雪灾变化的特征及其预评估 .....	时兴合,秦宁生,李栋梁,等(245)
一本具有里程碑意义的好书——评介《中国第四纪冰川与环境变化》 .....	张文敬(253)
首部《中国生态状况报告》问世 .....	冯海燕(255)

## 第 3 期

考虑土地利用/覆被变化的集总式流域水文模型及应用 .....	谢 平,朱 勇,陈广才,等(257)
--------------------------------	--------------------

滇西北高原湿地区土地利用变化特征 .....	张强,马友鑫,刘文俊,等(265)
地形因子对京西门头沟区土地利用/覆盖变化的影响 .....	冯朝阳,于勇,高吉喜,等(274)
基于 RS 和 GIS 的西双版纳土地覆被动态变化 .....	李红梅,马友鑫,郭宗峰,等(280)
海南岛土地生态适宜性评价 .....	王介勇,刘彦随,张富刚(290)
胶东山区典型流域径流年内分配特征量化研究 .....	刘德林,刘贤赵,李嘉竹,等(295)
岩溶坡地土壤侵蚀强度的 <sup>137</sup> Cs 法研究 .....	张治伟,傅瓦利,张洪,等(302)
长江金沙江段生态屏障建设的功能区划——以昭通市为例 .....	王传胜,杨晓光,赵海英,等(309)
滇石林地质公园喀斯特山地天然林和人工林凋落物与死地被物的动态特征 .....	吴毅,刘文耀,沈有信,等(317)
黄土丘陵区沙棘群落天然化发育过程中植物物种多样性研究 .....	张希彪,上官周平,赵爱萍(326)
福建省永安市贡川镇低产丝栗次生林特征 .....	李霖(333)
放牧对高寒草甸地表特征和土壤物理性状的影响 .....	杜岩功,曹广民,王启兰,等(338)
西藏不同退化高寒草甸土壤酶的活性 .....	彭岳林,钱成,蔡晓布,等(344)
藏北草原主要植物 AM 真菌的初步研究 .....	薛会英,张永青,彭岳林(351)
西藏土壤有效铁含量及其影响因素 .....	苟文平,刘世全,张世熔,等(359)

#### 第 4 期

岩质边坡锚固参数正交优化分析及应用 .....	晏鄂川,吕美君,李红刚(364)
旅游地安全风险评估模式研究——以国内 10 条重点探险旅游线路为例 .....	席建超,刘浩龙,齐晓波,等(370)
顺层岩质边坡顺层滑动岩体范围分析 .....	冯君,周德培,江南,等(376)
均质边坡分级开挖宽平台设计初探 .....	周应华,周德培(380)
典型黄土地貌类型区的地形复杂度分形研究 .....	龙毅,周侗,汤国安,等(385)
内蒙古大青山哈拉沁流域中游草本植被与环境的关系 .....	徐广才,康慕谊,马敏,等(393)
高地降温效应与构造—气候旋回 .....	张信宝,贺秀斌,汪阳春,等(400)
基于 DEM 的秦岭温度场模拟 .....	莫中国,张百平(406)
玉龙雪山冰川崩塌成因分析 .....	张宁宁,何元庆,和献中,等(412)
银武高速公路同心至固原段边坡面蚀试验分析 .....	李猛,张洪江,王晓东,等(419)
1556 年华县大地震的次生灾害 .....	李昭淑,崔鹏(425)
贡嘎山地区泥石流形成的水热组合分析 .....	徐小飞,马东涛,何德伟,等(431)
云南石林喀斯特小生境木本植物多样性特征 .....	俞筱桢,李玉辉,马遵平(438)
湘西北喀斯特山区耕地变化与经济发展的相关性——以张家界市永定区为例 .....	吴桂平,曾永年,邹滨,等(448)
长江上游山区聚落与水土保持的耦合机制 .....	王青(455)
西双版纳地区稻田甲烷的排放通量 .....	杨光明,武文明,沙丽清(461)
贺兰山针叶林物种密度的通径分析 .....	朱源,康慕谊,刘全儒(469)
桂林喀斯特石山阴香群落主要种群的种间关系 .....	张忠华,梁士楚,胡刚(475)
四川丘陵区节水农业效益综合评价指标体系与评价模型 .....	朱钟麟,陈建康,刘晓军,等(483)
基于 RUSLE 的流域土壤侵蚀敏感性评价——以福建省吉溪流域为例 .....	陈燕红,潘文斌,蔡莞铨(490)
青藏高原念青唐古拉峰地区气候特征初步分析 .....	游庆龙,康世昌,田克明,等(497)
甘南高寒牧区牧民参与合作经济组织的意愿及影响因素 .....	赵雪雁(505)

#### 第 5 期

1956~2004 年长江源区河川径流量的变化特征 .....	时兴合,秦宁生,许维俊,等(513)
滇西纵向岭谷区河谷形态特征、发育规律及成因 .....	闵石头,王随继(524)
旅游干扰对马伦巴高山草甸植物多样性的影响 .....	武俊智,上官铁梁,张捷,等(534)
六盘山典型植被类型土壤中石砾对大孔隙形成的影响 .....	时忠杰,王彦辉,熊伟,等(541)
基于 GIS 和 RUSLE 的滇西北山区土壤侵蚀空间特征分析——以云南省丽江县为例 .....	彭建,李丹丹,张玉清(548)

基于 Srtm-DEM 与遥感的长白山基本地貌类型提取方法 .....	龙恩, 程维明, 周成虎, 等(557)
喀斯特生态脆弱区猫跳河流域土地利用/覆被变化研究 .....	彭建, 蔡运龙, 何钢, 等(566)
基于 GIS 的起伏地形下天文辐射分布式模型——以贵州高原为例 .....	袁淑杰, 谷小平, 缪启龙, 等(577)
基于层次分析法的张掖市湿地生态功能研究 .....	王清忠, 牛赉(584)
紫色土丘陵区小流域综合治理对水土保持的作用 .....	刘刚才, 游翔, 张建辉, 等(590)
紫花苜蓿种植对山地荒沟客土理化性质的影响 .....	孙铁军, 滕文军, 王淑琴, 等(596)
山区生态果园建设对农业小气候的影响 .....	张丹, 陈红, 高庭艳, 等(602)
西藏阿里西部地区种子植物区系研究 .....	周家福, 张锦华, 刘淑珍, 等(608)
不同时空尺度的泥石流预报技术体系 .....	韦方强, 徐晶, 江玉红, 等(616)
金沙江下游云南小江流域山地灾害综合区划 .....	谢洪, 钟敦伦, 何一平, 等(622)
森林择伐研究进展 .....	周新年, 巫志龙, 郑丽凤, 等(629)

### 第 6 期

高寒嵩草草甸的被动与主动退化分异特征及其发生机理 .....	曹广民, 杜岩功, 梁东营, 等(641)
青藏高原西部地表反射率的合成分析 .....	张鹏飞, 李国平(649)
青藏高原降水的梯度效应及其空间分布模拟 .....	鲁春霞, 王菱, 谢高地, 等(655)
青藏高原北部五道梁地表热量平衡方程中各分量特征 .....	李韧, 赵林, 丁永建, 等(664)
基于岩溶生态系统特性的水土流失敏感性评价 .....	李阳兵, 邵景安, 王世杰, 等(671)
祁连山青海云杉林截留对降水的分配效应 .....	张学龙, 罗龙发, 敬文茂, 等(678)
茂兰喀斯特森林林隙树种更新及其与环境的相关性分析 .....	龙翠玲, 余世孝(684)
应用地统计学方法定量评价森林截留的地理变化规律 .....	洪滔, 吴承祯, 范海兰, 等(691)
黔东南州可持续发展的度量研究——基于 BEF 与 TEF 的综合测度 .....	吕永鹏, 邵俊, 车越, 等(698)
土地利用变化对亚热带山地红壤团聚体有机碳的影响 .....	毛艳玲, 杨玉盛, 邹双全, 等(706)
祁连山不同植被类型残体碳库贮量研究 .....	常宗强, 冯起, 司建华, 等(714)
贡嘎山东坡磨西河流域泥石流暴发的临界雨量值初探 .....	倪化勇, 李宗亮, 巴仁基, 等(721)
西北地区矿山泥石流及分布特征 .....	徐友宁, 何芳, 陈华清(729)
二滩库区地质灾害分布规律及发展趋势分析 .....	陈秀琼, 陈永波, 孔纪名(737)
灰色 GM(1,1) 残差修正模型在滑坡预测中的对比应用 .....	李秀珍, 孔纪名, 王成华(741)
西藏波密县古乡沟泥石流模型试验中的模型砂配制 .....	何淑芬, 吕娟, 刁惠芳(747)
论山地研究的层次性 .....	田连权, 田丁(753)

## JOURNAL OF MOUNTAIN SCIENCE CONTENTS OF Vol. 25 2007

## No. 1

- Study on the Arid-valley Scrubs in the Upper Reaches of Minjing River ..... YANG Qinzhou(31)
- Influence of the Altitudinal Increase on Water and Humidity Conditions, Xishuangbanna  
..... ZHENG Zheng, LI Yourong, ZHANG Shubin, *et al.* (38)
- The Distribution of Three Kinds of Different Alpine Meadow Vegetation and the Comparison of the Vegetation with  
Sensible Heat and Latent Heat Flux ..... LI Yingnian, GU Song, ZHAO Xinquan, *et al.* (44)
- Research on the Method of Soil Environment Evaluation under Different Landform on a County-wide Scale  
——A Case Study of Yizheng City, Jiangsu Province ..... XU Duanyang, JIANG Xiaosan, PAN Jianjun, *et al.* (53)
- Study on the Relationship between Vegetation and Climate in China Using Factor Analysis  
..... SUN Yanling, YAN Xiaodong, XIE Deti(63)
- Small Grids Reckoning Models of Climate Resources in Guangxi Mountains  
..... DING Meihua, SU Yongxiu, LI Zheng, SUN Han, *et al.* (71)
- Study on Dynamics of Rock Avalanches: State of the Art Report ..... CHENG Qiangong, ZHANG Zhuoyuan, HUANG Ruiqiu(84)
- GIS-based and Data Drive Bivariate Landslide Susceptibility Mapping in the Three Gorge Area, China  
..... BAI Shibiao, WANG Jian, LÜ Guonian, *et al.* (92)
- Analysis on Time History Dynamic Response of a Rockfall-type Slope under High Earthquake Intensity  
..... ZHOU Yongjiang, WANG Kaiyun, FU Wenxi, *et al.* (98)
- Experimental Investigation of Anchorage Engineering on Glacial Till Slope ..... YU Linqing, CAI Qing'e(102)
- Monitoring of Faults Activity Based on GPS ..... TANG Weiqing, LIU Yuping, CHEN Zhiliang, *et al.* (107)
- Vertical Distributional Character of Main Nutritional Composition in Soil in Mila Mountains Area, Tibet  
..... ZHONG Guohui, ZHONG Zhengchang, TIAN Fayi, *et al.* (113)
- <sup>137</sup>Cs Trace Technique to Study Soil Erosion at Alpine Meadow of Tibetan Plateau  
..... LI Yuanshou, WANG Genxu, WANG Junde, *et al.* (121)
- Digital Mapping of Mountain Landforms Based on Multiple Source Data  
..... YAO Yonghui, ZHOU Chenghu, SUN Ranhao, *et al.* (128)

## No. 2

- Research on Space Distribution and Function Classification of the Small Town in Tibet Autonomous Region  
..... ZHONG Xianghao, LI Xiangmei, WANG Xiaodan, *et al.* (135)
- Urban System and Urbanization Pattern in North Shaanxi Province——Part of Loess Plateau Region  
..... ZHOU Zhongxue, REN Zhiyuan(141)
- Urban System Fractal Characteristics in Mountainous Areas ——A Case of Ganzhou in Jiangxi Province  
..... SHANG Zhengyong, BAI Yongping(147)
- On Characteristics of Fractal Aesthetics in Mountainous Cities ..... MAO Yalong, OUYANG Mei-e(152)
- Temporal Variation in Annual Water Yield of the Jialingjiang River and the Formative Causes  
..... XU Jiongxin, SUN Ji(159)
- Altitudinal Patterns of Plant Diversity on Mt. Guniujiang, Anhui, China——With a Discussion on the Ecological Impacts  
of Hilltop Condition ..... SHEN Zehao, HU Zhiwei, ZHAO Jun, *et al.* (168)
- Influences of Corridor-barrier Function on the Spatial Characteristics of Temperature and Precipitation in the Longitudinal  
Range-Gorge Region (LRGR) ..... HE Yunling, ZHANG Yiping(176)
- Characteristics and Trends of Changes on Water Cycle Factors in the Tianshan Mountainous Area since 1960s  
..... LAN Yougchao, WU Sufen, ZHONG Yingjun, *et al.* (183)
- Equivalent Static Stability Study on Rock Mass Bedding Slope under Blasting ..... LI Weiguang, ZHANG Jichun(189)

- The Geological Survey on Existing State of Reservoir Bank Collapse Occurred in Wanzhou, Chongqing  
..... JI Fen, CE Hua, LIU Hanchao, *et al.* (196)
- Regional Landslide Disaster Risk Assessment Methods ..... JIN Jiangjun, PAN Mao, LI Tiefeng (201)
- The Displacement Characteristic of Danba Landslide ..... FAN Xiaoyi, QIAO Jianping, TIAN Hongling (206)
- The Contributing Rate of Slope Gradient to Landslide Growth from Yuniang to Wushan in Three Gorges Reservoir Area  
..... QIAO Jianping, WU Caiyan, TIAN Hongling (211)
- Effect of Different Skidding Ways on the Trail Soil of Artificial Forest Cutting Area  
..... ZHANG Zhengxiong, ZHOU Xinnian, CHEN Yufeng (217)
- Study on the Optimization of Eco-friendly Wood Logistics System  
..... QIU Rongzu, ZHANG Zhengxiong, HUANG Zonghe, *et al.* (223)
- Study on the Constitutive Relation of Forest Root System ..... CHEN Lihua, YU Xinxiao, LIU Xiuping, *et al.* (228)
- Spatial Heterogeneity of Soil Organic Carbon of *Acacia mangium* Plantation in Heshan, Guangdong, China  
..... LI Yuelin, LANG Liming, ZHANG Yun, *et al.* (235)
- Biomass Compositions of *Pinus tabulaeformis* Plantation and Their Relationships in the Dagou Valley of the Upper Minjiang River  
..... LI Wubin, BAO Weikai, HE Binghui, *et al.* (244)
- Character of Snow Cover with Snow Damage Change and Its Prepare Evaluation Research in the South of Qinghai Province  
..... SHI Xinghe, QIN Ningsheng, LI Dongliang, *et al.* (252)
- A Milestone Book of Glaciology and Geography: The Quaternary Glaciations and Environmental Variations in China  
..... ZHANG Wenjing (254)
- The First Ecological Status Report of China Published ..... FENG Haiyan (256)

## No. 3

- A Lumped Watershed Hydrological Model Considering Land Use and Land Cover Change and Its Application  
..... XIE Ping, ZHU Yong, CHN Guancai, *et al.* (264)
- Regional Land Use Dynamics of Plateau Wetlands in the Northwest of Yunnan Province, China  
..... ZHANG Qiang, MA Youxin, LIU Wenjun, *et al.* (273)
- Influences of Topographic on Distribution and Change of Land Use and Cover in Mentougou District, Beijing  
..... FENG Chaoyang, YU Yong, GAO Jixi, *et al.* (279)
- Land Use/Land Cover Dynamic Change in Xishuangbanna Based on RS and GIS Technology  
..... LI Hongmei, MA Youxin, GUO Zhongfeng, *et al.* (289)
- GIS-based Ecological Suitability Evaluation of Industrial Land Use—A Case Study of Hainan Island  
..... WANG Jieyong, LIU Yansui, ZHANG Fugang (294)
- A Quantification Study on Distribution Characteristics of Inner Yearly Runoff of the Representative Drainage  
Basin in Jiaodong Massif Area ..... LIU Delin, LIU Xianzhao, LI Jia Zhu, *et al.* (301)
- Study on Soil Erosion of Different Degrees in Karst Region by Using Cesium-<sup>137</sup> Technique  
..... ZHANG Zhiwei, FU Wali, ZHANG Hong, *et al.* (308)
- Functional Regionalization of Ecological Shelter Zone Reconstruction on Jinsha River Basin of the  
Yangtze River:—A Case in Zhaotong, Yunnan ..... WANG Chuansheng, YANG Xiaoguang, ZHAO Haiying, *et al.* (316)
- Dynamics of Litterfall and Litter on Forest Floor of Natural Forest and Plantations in Stone Forest World Geological Park  
..... WU Yi, LIU Wen Yao, SHEN Youxin, *et al.* (325)
- Species Diversity Change during the Natural Development Process of *Hippophae reamnoidea* L. Community in the  
Hilly Loess Regions ..... ZHANG Xibiao, SHANGGUAN Zhouping, ZHAO Aiping (332)
- Characters of Secondary and Low Productivity Forest of *Castanopsis fargesii* in Gongchuan Town, Yong'an, Fujian ..... LI Lin (337)
- Effect of Grazing on Surface Character and Soil Physical Property in Alpine Meadow  
..... DU Yangong, CAO Guangmin, WANG Qilan, *et al.* (343)
- Soil Enzyme Activities in Different Degraded Alpine Grassland of Tibet  
..... PENG Yuelin, QIAN Cheng, CAI Xiaobu, *et al.* (350)
- Amfungi Diversity and Their Eco-environmental Factors of Main Plant Species in Prairie in Northern Tibet  
..... XUE Huiying, ZHANG Yongqing, PENG Yuelin (358)
- Status of Soil Available Iron and Its Affecting Factors in Tibet ..... GOU Wenping, LIU Shiquan, ZHANG Shirong, *et al.* (363)

- Orthogonal Analysis and Application on Anchorage Parameters of Rock Slope ..... YAN E' chuan, LÜ Meijun, LI Honggang (369)
- The Risk Assessment Model of Tourism Destination-taking ten Adventure Tourism Lines as A Case Study  
..... XI Jianchao, LIU haogong, QI xiaobo, WU pu (375)
- On the Extent of Bedding Slipping Rockmass of Consequent Rock Slope ..... FENG Jun, ZHOU Depei, JIANG Nan, *et al.* (379)
- Elementary Study on Design of Spacious Bnch in Homogengous Slope by Step Excavation ..... ZHOU Yinghua, ZHOU Depei (384)
- Research on Terrain Complexity of Several Typical Regions of Loess Landform Based on Fractal Method  
..... LONG Yi, ZHOU Tong, TANG Guo'an, *et al.* (392)

## No. 4

- The Relationship between Herbaceous Vegetation and Environment in Middle Reach of Halaqingou Stream Valley,  
Mt. Daqingshan, Inner Mongolia ..... XU Guangcai, KANG Muiyi, MA Min, *et al.* (399)
- Highland Effect on Cooling the Earth and Tectonic-Climate Cycling ... ZHANG Xinbao, HE Xiubin, WANG Yangchun, *et al.* (405)
- Simulation of Temperature Fields Based on DEM in Qinling Mts. .... MO Shenguo, ZHANG Baiping (411)
- The Analysis of Icefall at Mt. Yulong ..... ZHANG Ningning, HE Yuanqing, HE Xianzhong, *et al.* (418)
- Statistical Analysis of Surface Erosion Testing of Yinwu Highway Slopes from Tongxin to Guyuan  
..... LI Meng, ZHANG Hongjiang, WANG Xiaodong, *et al.* (424)
- The Secondary Disasters of Great Huaxian Earthquake in 1556 ..... LI Zhaochu, CUI Peng (430)
- Analysis on Hydro-thermal Combination of Debris Flow Occurrence in Mt. Gongga Region  
..... XU Xiaofei, MA Dongtao, HE Dewei, *et al.* (437)
- A Preliminary Study on Flora Diversity of Karst Microhabitat in Shilin Park, Yunnan, China  
..... YU Xiaoya, LI Yuhui, MA Zunping (447)
- Correlation between Arable Land Changes and Economic Development in Karst Mountain Areas of Northwestern Hunan  
——A Case Study of Yongding County ..... WU Guiping, ZENG Yongnian, ZOU Bin, *et al.* (454)
- The Coupling Mechanisms of Rural Settlements and Water & Soil Conservation Projects in the Upper Reaches of Yangtze River  
..... WANG Qing (460)
- CH<sub>4</sub> Emission from Paddy Fields in Xishuangbanna, SW China ..... YANG Guangming, WU Wenming, SHA Liqing (468)
- Path Analysis on Species Density of Coniferous Forest in Mt. Helan ..... ZHU Yuan, KANG Muiyi, LIU Quanru, *et al.* (474)
- Interspecific Relationships among Main Species of *Cinnamomum burmannii* Community on Karst Hills of Guilin  
..... ZHANG Zhonghua, LIANG Shichu, HU Gang (482)
- The Assess Index System and Evaluation Model of Water-Saving Agricultural Benefits in Hilly Area, Sichuan  
..... ZHU Zhonglin, CHEN Jiankang, LIU Xiaojun, *et al.* (488)
- Assessment of Soil Erosion Sensitivity in Watershed Based on RUSLE——A Case Study of Jixi Watershed  
..... CHEN Yanhong, PAN Wenbin, CAI Yuanbin (496)
- Preliminary Analysis on Climatic Features at Mt. Nyainqentanglha, Tibetan Plateau  
..... YOU Qinglong, KANG Shichang, TIAN Keming, *et al.* (504)
- The herds' Attitude to the Herd Cooperative Organization and Its Influence Factors in the High Cold Pasturing Area  
..... ZHAO Xueyan (512)

## No. 5

- The Variations Characteristic of the Runoff in the Source Regions of the Yangtze River from 1956 to 2004  
..... SHI Xinghe, QIN Ningsheng, XU Weijun, *et al.* (523)
- Valley Morphological Characteristics, Development Law and Their Cause in the Longitudinal Rang-gorge Region  
..... MIN Shitou, WANG Suiji (533)
- Disturbing Effects of Tourism on Plant Species Diversity of Malun Subalpine Meadow, Shanxi Province  
..... WU Junzhi, SHANGGUAN Tieliang, ZHANG Jie, *et al.* (540)
- Effect of Rock Fragments on the Formation of Soil Macroporosity of Typical Vegetation in Liupan Mountains of Westnorth, China  
..... SHI Zhongjie, WANG Yanhui, XU Lihong, *et al.* (547)
- Analysis of Spatial Characteristics of Soil Erosion in Mountain Areas of Northwestern Yunnan Based on GIS and RUSLE  
..... PENG Jian, LI Dandan, ZHANG Yuqing (556)



- ..... LONG En, CHENG Weiming, ZHOU Chenghu, *et al.* (565)
- Land Use/cover Change in Ecologically Fragile Kast Areas  
 —A Case Study in Maotiaohe River Basin, Guizhou China ..... PENG Jian; CAI Yunlong; HE Gang, *et al.* (576)
- Distributed Models of Astronomical Solar Radiation over Rugged Terrains Based on GIS  
 —Taking Guizhou Plateau as an illustration ..... YUAN Shujie, GU Xiaoping, MIAO Qilong, *et al.* (583)
- Based on AHP to Study the Ecological Function of Wetland in Zhangye, Gansu ..... WANG Qingzhong, NIU Yun (589)
- The Effects of Integrated Countermeasures on Soil and Water Conservation of the Small Watershed in Hilly Area of Sichuan Basin  
 ..... LIU Gangcai, YOU Xiang, Zhang Jianhui, *et al.* (595)
- Effect of Alfalfa (*Medicago sativa* L.) Planting on Foreign-soil Physical and Chemical Characters in the Barren  
 Ravine of Mountainous Region ..... SUN Tiejun, TENG Wenjun, WANG Shuqin, *et al.* (601)
- Effect of Ecological Orchard Construction in Mountain Region on Agricultural Microclimate  
 ..... ZHANG Dan, CHEN Hong, GAO Tingyan, *et al.* (606)
- A Study on the Flora of Seed Plants in Western Ngari, Tibet ..... ZHOU Jiafu, ZHANG Jinhua, LIU Shuzhen, *et al.* (615)
- The System of Debris Flow Prediction with Different Time and Space Scales  
 ..... WEI Fangqiang, XU Jing, JIANG Yuhong, *et al.* (621)
- Comprehensive Regionalization of Mountain Hazards in Xiaojiang River Basin of the Lower Jinshajiang River, Yunnan, China  
 ..... XIE Hong, ZHONG Dunlun, HE Yiping, *et al.* (628)
- Research Progress on Forest Selective Cutting ..... ZHOU Xinnian, WU Zhilong, ZHENG Lifeng, *et al.* (636)

## No. 6

- Character of Passive-Active Degradation Process and Its Mechanism in Alpine *Kobresia* Meadow  
 ..... CAO Guangmin, DU Yangong, WANG Qilan, *et al.* (648)
- The Composite Analysis of Surface Albedo on the Western Tibetan Plateau ..... ZHANG Pengfei, LI Guoping (654)
- Altitude Effect of Precipitation and Spatial Distribution of Qinghai-Tibetan Plateau  
 ..... LU Chunxia, WANG Ling, XIE Gaodi, *et al.* (663)
- The Features of Each Components in the Surface Heat Balance Equation over Wudaoliang Northern Tibetan Plateau  
 ..... LI Ren, ZHAO Lin, DING Yongjian, *et al.* (670)
- Assessment of Soil Erosion Sensitivity Based on the Characteristics of Karst Ecosystem  
 ..... LI Yangbing, SHAO Jing'an, WANG Shijie, *et al.* (677)
- Study on the Distribution Effect of Canopy Interception of *Picea Crassifolia* Forest in Qilian Mountains  
 ..... ZHANG Xuelong, LUO Longfa, JING Wenmao, *et al.* (683)
- Tree Regeneration and Its Relationship with Environment in Gaps of Karst Forest in Maolan Nature Reserve, Guizhou Province  
 ..... LONG Cuiling, YU Shixiao (690)
- Quantitative Evaluation of the Geographic Variation of Rainfall Interception of Forest by Geostatistics Method  
 ..... HONG Tao, WU Chengzhen, FAN Hailan, *et al.* (697)
- Regional Sustainability Based on Comprehensive Measurement of Background Ecological Footprint and  
 Tourism Ecological Footprint: a Case Study of Southeast Qian ..... LÜ Yongpeng, TAI Jun, CHE Yue, *et al.* (705)
- Effects of Land Use on Soil Organic Carbon in Aggregates of Hilly Red Soil in Subtropical China  
 ..... MAO Yanling, YANG Yusheng, ZOU Shuangquan, *et al.* (713)
- Carbon Storage of Plant Debris under Different Types of Vegetation in Qilian Mountains  
 ..... CHANG Zongqiang, FENG Qi, SI Jianhua, *et al.* (720)
- Preliminary Study on the Critical Rainfall Condition of Debris Flows along Moxi River in the East Slopes of the Mount Gongga  
 ..... NI Huayong, LI Zongliang, BA Renji, *et al.* (728)
- Mine Debris Flow and Its Distribution in Northwestern China ..... XU Youning, HE Fang, CHENG Huqing (736)
- Distributing and Evolutive Trend of Geological Disaster in Ertan Reservoir  
 ..... CHEN Xiutong, CHEN Yongbo, KONG Jiming, *et al.* (740)
- Comparison and Application of Grey GM(1,1) Modified Residual Error Models in Landslide Predicting  
 ..... LI Xiuzhen, KONG Jiming, WANG Chenghua (746)
- Sediment Sample Preparation for Simulation Experiment of Debris Flow in Guxiang Gully, Tibet  
 ..... HE Shufen, LÜ Juan, DIAO Huifang (752)
- The Gradation on Mountains Research ..... TIAN Lianquan, TIAN Ding (758)