

目次

试验研究

- 川藏公路南线泥石流坝溃决洪水过程试验研究..... 郭国和, 吴国雄, 程尊兰 (1)
- 云雾山不同坡向草地土壤养分的坡面分布特征..... 邱莉萍, 张兴昌, 程积民 (6)
- 滇池底泥中氮素空间分布异质性分析..... 戎静, 庄舜尧, 杨浩 (10)
- 基于相似年降水的人类活动对延河泥沙变化影响..... 王群星, 李锐, 王飞, 等 (16)
- 炎热多雨条件下岩坡喷混植草试验研究..... 庞永平, 倪宏革, 王星华 (21)
- 黄土坡面薄层流侵蚀过程试验研究..... 刘俊娥, 王占礼, 袁殷, 等 (27)
- 科尔沁地区不同类型沙地土壤水分变化分析..... 李衍青, 张铜会, 刘新平, 等 (31)
- 晋西黄土区小流域典型植被水文功能优化研究..... 郭军庭, 张志强, 唐丽霞 (36)
- 不同密度刺槐林在蒸腾旺季的蒸腾特征..... 周晓新, 张建军, 隋旭红, 等 (41)
- 黄土丘陵半干旱区典型人工林土壤水分特征..... 徐敬华, 陈云明, 邓岚 (48)
- 荒地不同压砂年限对土壤微生物区系、酶活性与土壤理化性状的影响..... 胡景田, 马琨, 王占军, 等 (53)
- 地膜覆盖及施用有机肥对地温及冬小麦水分利用的影响..... 陈玉华, 张岁岐, 田海燕, 等 (59)
- 黄土高原干旱阳坡微地形土壤水分特征研究..... 赵荟, 朱清科, 秦伟, 等 (64)
- 库底土壤物质溶出对水库正常蓄水初期水质的影响..... 吴云鑫 (69)
- 脆弱刚毛藻对水体中三种苯系物的去除效果..... 樊兰英, 冯佳, 张猛, 等 (73)
- 干旱胁迫下常春藤净光合速率日变化及其影响因子分析..... 夏江宝, 张光灿, 许景伟, 等 (78)
- 农林复合措施保土保肥试验分析..... 胡宏祥, 朱小红, 严平, 等 (83)
- 水土保持监测与应用技术
- 第一次全国水利普查水土保持普查方案..... 李智广, 刘宪春, 刘建祥, 等 (87)
- 区域滑坡频度预测和趋势研究..... 樊晓一 (92)
- 中尺度流域 NDVI 尺度转换研究..... 王琦, 杨勤科, 任宗萍 (96)
- 建设类与建设生产类开发建设项目水土保持方案的异同分析..... 秦成, 严慕绥 (100)
- 腾格里沙漠沙尘暴天气动力要素特征研究..... 吕萍, 董治宝, 张正德, 等 (104)
- 自动基流分割方法在黄土区流域的应用研究..... 豆林, 黄明斌 (107)
- 网格大小选择对大尺度分布式水文模型水文过程模拟的影响..... 叶许春, 张奇 (112)
- 基于 MATLAB 的华北落叶松蒸腾仿真模拟..... 李海光, 余新晓, 李钢铁, 等 (117)
- SWAT 模型灵敏性分析模块在云州水库流域的应用..... 张丽娟, 秦富仓, 岳永杰, 等 (122)
- 遗传算法和最小二乘匹配相结合的 DEM 匹配方法..... 杨容浩, 岑敏仪, 张同刚, 等 (128)
- 延河流域典型物种分布预测模型比较研究..... 曹剑侠, 温仲明, 李锐 (134)
- 西北干旱监测预警评估业务系统开发与应用..... 方锋, 梁东升, 张存杰 (140)
- 基于数据包络分析的溃坝洪水灾害脆弱性评价..... 程翠云, 钱新, 盛金保, 等 (144)
- 综合治理
- 北沙柳种质资源的初步调查与分析..... 张玮, 张国盛, 宁明世, 等 (148)
- 陕西省泾惠渠灌区土壤重金属环境质量现状及评价..... 易秀, 谷晓静, 侯燕卿, 等 (153)
- 台兰河绿洲灌区土地利用变化与水资源动态研究..... 孙栋元, 赵成义, 彭冬梅, 等 (158)
- 宁夏中部干旱带压砂地耕作方式的生态功能..... 王永忠, 牛国元, 许强, 等 (163)
- 哈尔滨市城市边缘区建设用地时空扩展过程分析..... 周利军, 张淑花, 张雪萍 (168)
- 滇池流域典型城郊降雨径流 COD_{Cr} 及 TSS 污染负荷及贡献..... 张德刚, 陈永川, 汤利 (172)
- 黄河流域水土保持生态补偿机制及实施效果评价..... 张来章, 党维勤, 郑好, 等 (176)
- 土壤铅污染对密毛白莲蒿茎叶解剖结构影响的研究..... 罗于洋, 王树森, 闫洁, 等 (182)
- 不同经济阶段农地非农化速率及空间差异研究..... 许恒周, 郭玉燕, 金晶 (186)
- 整地时期对土壤物理性质及苹果幼树的影响..... 杜社妮, 白岗栓, 耿桂俊, 等 (190)
- 森林生态系统健康快速评价研究..... 范敏锐, 吕锡芝, 余新晓, 等 (196)
- 安塞县纸坊沟小流域道路网系分布与土地利用的关系..... 梁焯芬, 曹龙熹, 张科利 (201)
- 退耕还林工程对米脂县农业生态经济演替过程的影响..... 李奇睿, 王继军 (206)
- 广西壮族自治区平果铝土矿区待复垦土地适宜性评价..... 覃事娅, 陈建宏, 唐常春 (211)
- 游憩对甘肃省莲花山自然保护区植被冲击调查评估..... 王韧, 孙学刚 (216)
- 贺兰山岩画保护区泥石流沟防治规划研究..... 李建伟, 樊尚新, 沈丽娜 (220)
- 长沙市耕地时空动态变化及驱动力研究..... 洪鸿加, 彭晓春, 陈志良, 等 (224)
- 南水北调中线工程陕西水源区生态环境质量综合评价..... 王晓峰, 张晖, 董小平, 等 (230)
- 有色金属尾矿库和废石场土壤安全评价及复垦措施..... 余光辉, 张勇, 张卓, 等 (233)
- 水土保持与荒漠化防治专业本科教育培养目标制定..... 吴发启 (237)
- 黄土高原沟蚀演变过程的野外定位监测与室内模拟图片说明..... 郑粉莉

期刊基本参数: CN61-1094/X * 1981 * b * A4 * 244 * zh * P * 1500 * ¥20.00 * 50 * 2010-06

执行主编 王修 编辑 吴乃宁 琚彤军 英文编辑 刘炳武

Contents

Experimental study on process of flood triggered by debris-flow dam break along south section of Sichuan-Tibet highway	GUO Guo-he, et al (1)
Spatial distribution of soil nutrients in long-term re-vegetated slopes in Yunwu Mountains	QIU Li-ping, et al (6)
Spatial heterogeneity of nitrogen distribution in sediment of Dianchi Lake	RONG Jing, et al (10)
Impact of human activities on runoff and sediment change of Yanhe River based on the similar precipitation condition	WANG Qun-xing, et al (16)
Experimental study of mixly spray for rocky slope greening under the hot and rainy weather	PANG Yong-ping, et al (21)
Experimental study of sheet flow erosion processes on loess hillslope	LIU Jun-e, et al (27)
Change pattern of soil water content in different dunes and grassland in Horqin Sandy Land	LI Yan-qing, et al (31)
Improving hydrological functions of a small watershed in hilly and gully loess area by vegetation type optimization	GUO Jun-ting, et al (36)
Transpiration characteristics of <i>Robinia pseudoacacia</i> L. with different densities during the peak season	ZHOU Xiao-xin, et al (41)
Soil water characteristics of artificial forest lands in loess hilly region	XU Jing-hua, et al (48)
Effects of gravel mulch on soil microbial population, enzyme activity and physicochemical properties in wasteland	HU Jing-tian, et al (53)
Effects of plastic mulch and manure on soil temperature and water consumption of winter wheat	CHEN Yu-hua, et al (59)
Soil moisture characteristics on microrelief of dry south-slope on the loess plateau	ZHAO Hui, et al (64)
Impacts on water quality by nutrient dissolving of submerged soil at initial stage of reservoir normal impoundment	WU Yun-xin (69)
Removal effect of <i>Cladophora fracta</i> on benzene, toluene and xylene	FAN Lan-ying, et al (73)
Diurnal variation of net photosynthetic rate and influencing environmental factors of <i>Hedera nepalensis</i> var. <i>sinensis</i> under drought stress	XIA Jiang-bao, et al (78)
Test analysis of agro-forestry measure in soil and nutrient conservation	HU Hong-xiang, et al (83)
Plan of soil and water conservation survey in national census for water resources	LI Zhi-guang, et al (87)
Frequency forecast and trend of regional landslides based on time record	FAN Xiao-yi (92)
Scaling of ETM-NDVI for medium watershed area	WANG Qi, et al (96)
Similarities and differences of soil and water conservation program between construction projects and production and construction projects	QIN Cheng, et al (100)
Variations of dynamical elements during a sand-storm passing the Tengger Desert region	LU Ping, et al (104)
Applied study of baseflow separation methods in watersheds of loess plateau	DOU Lin, et al (107)
Effects of grid size on hydrological process modeling as a distributed hydrological model at large scale	YE Xu-chun, et al (112)
Simulation research on transpiration of <i>Larix principis-rupprechtii</i> Mayr Based on MATLAB	LI Hai-guang, et al (117)
Application of sensitivity analysis module of SWAT model in Yunzhou Reservoir basin	ZHANG Li-juan, et al (122)
DEM matching method combining genetic algorithm with least squares matching	YANG Rong-hao, et al (128)
Comparison of predictive models or representative species distribution in Yanhe River basin	CAO Jian-xia, et al (134)
Services system development and application of drought monitoring and early warning and evaluation over Northwest China	FANG Feng, et al (140)
Evaluation of vulnerability to dam-break disaster by using the DEA method	CHENG Cui-yun, et al (144)
Preliminary investigation and analysis on germplasm resources of <i>Salix psammophila</i>	ZHANG Wei, et al (148)
Current situation and evaluation of soil environmental quality for heavy metals in Jinghuiqu irrigation district of Shaanxi Province	YI Xiu, et al (153)
Dynamics of water resources and land use in oasis irrigation area in Tailan river watershed	SUN Dong-yuan, et al (158)
Impacts of farming manners in gravel land to agro-ecosystem in the middle arid zone of Ningxia Hui Autonomous Region	WANG Yong-zhong, et al (163)
Analysis on spatiotemporal expansion process of construction land in urban fringe of Hyarbin City	ZHOU Li-jun, et al (168)
Pollution load and contribution of rainfall runoff from a typical suburb region in Dianchi Lake catchment	ZHANG De-gang, et al (172)
Effect evaluation and mechanism of soil and water conservation eco-compensation in Yellow River basin	ZHANG Lai-zhang, et al (176)
Effects of lead stress on anatomic structure of stems and leaves of <i>Artemisia sacrorum</i> var. <i>messerschmidiana</i>	LUO Yu-yang, et al (182)
Change rate and regional difference of land conversion in different stages of economic development	XU Heng-zhou, et al (186)
Effects of soil preparation period on soil physical properties and young apple tree growth	DU She-ni, et al (190)
Rapid assessment of forest ecosystem health	FAN Min-rui, et al (196)
Relationship between road distribution and landuse type in Zhifanggou Watershed of Ansai County	LIANG Chan-fen, et al (201)
Effects of returning farmland to forest project on agricultural eco-economic succession in Mizhi County	LI Qi-rui, et al (206)
Land suitability evaluation for reclamation of bauxite region in Pingguo County of Guangxi Province	QIN Shi-ya, et al (211)
Investigation and assessment of recreational impact on vegetation in Mountain Lianhua Nature Reserve in Gansu Province	WANG Ren, et al (216)
Prevention and control planning of debris flow in the rock-art zone of Helan Mountains	LI Jian-wei, et al (220)
Characteristics and driving forces of cultivated land dynamic change in Changsha City	HONG Hong-jia, et al (224)
Comprehensive eco-environmental evaluation of Shaanxi water source area in middle-route of south-to-north water transfer project	WANG Xiao-feng, et al (230)
Soil afe assessment and reclamation management of storehouse and wasted area in nonferrous metal mine	YU Guang-hui, et al (233)
Undergraduate training objective of soil & water conservation and desertification control major	WU Fa-qi (237)