

目 次

严重侵蚀退化黑土农田地力快速提升技术研究	张兴义,张少良,刘 爽,等(1)
黔中地区不同岩性土壤抗冲抗蚀性研究进展	杨 智,兰 雪,戴全厚,等(6)
线性建设项目水土保持监测方法简析	
——以陕北某输气管道工程为例	冀文慧,贾莲莲(10)
牡丹江市退耕还林对区域土壤侵蚀的影响研究	高凤杰,雷国平,宋 戈,等(14)
自然降雨条件下农田地表径流氮素流失特征研究	李英俊,王克勤,宋维峰,等(19)
古尔班通古特沙漠南缘土壤风蚀与其抑制因子的空间变异性	
..... 哈妮帕·阿布拉别克,苏里坦,努尔模达·达拉拜(24)	
陕北典型流域退耕后土壤侵蚀及空间分布初步调查研究	吴 艳,张晓萍,陈凤娟,等(29)
坡度与水平分辨率关系的初步研究	刘红艳,杨勤科,牛 亮,等(34)
都市农业区域暴雨径流磷素输出特征研究	
——以上海市新场镇果园村为例	张 旭,郝庆菊,高 扬,等(38)
基于 RS 和 GIS 的彭州市震毁土地信息提取及分析	蔡柯柯,何政伟,倪忠云,等(43)
溅蚀研究进展	韩学坤,吴伯志,安瞳昕,等(46)
基于属性识别模型的退耕地土壤水分综合评价	焦 峰,温仲明,安韶山(52)
长江支流嘉陵江水沙变化趋势及其驱动因素分析	高 鹏,穆兴民,王 炜(57)
等高绿篱模式下红壤丘岗区浅沟坡面土壤水分时空分布	郭忠录,彭艳平,丁树文,等(62)
黄河中游输沙与减沙的时空分异特征	马丽梅,王万忠,焦菊英,等(67)
扎龙自然保护区生态系统服务价值变化研究	张淑花,张雪萍(73)
海岸带土地利用模拟结果对元胞邻域的响应研究	冯永玖,韩 震(78)
大沟头小流域不同土地利用格局下土壤侵蚀情景模拟研究	杨翠林,秦富仓(82)
土地利用变化与城市空气环境效应的关系	彭文甫,周介铭,罗怀良,等(87)
新疆精河流域不同土地利用方式对土壤质量的影响	胡江玲,张 高,赵 枫,等(92)
黄土高原典型流域生态环境脆弱性的集对分析	张 鑫,杜朝阳,蔡焕杰(96)
基于 GIS 的土地适宜性评价	
——以四川省马尔康县为例	陈 颖,吴柏清,邹卓阳,等(100)
基于 ETM+影像的唐山地区生态环境质量评价	张明华,谭 悦(104)
以生态补偿实现水土资源开发的帕累托最优	张 燕,张 洪(109)
青海湟水河流域退耕还林地沙棘林生物量研究	赵串串,杨宁贵,陆 琦,等(114)
陕北毛乌素沙漠黑沙蒿根系分布特征研究	康博文,刘建军,孙建华,等(119)
基于灰色关联分析三峡库区重庆段生态安全	魏兴萍(124)
毛乌素沙地三种荒漠灌木根系分布特征与土壤水分研究	赵 岩,周文渊,孙保平,等(129)
不同土地利用方式下紫色土结构特性变化研究	林培松,高全洲(134)
基于 GIS 的帽儿山景观生态综合评价	孔 达,龚文峰(139)
汕头经济特区近 10 年土地利用类型动态变化研究	王红玲,林建平(144)
岷江上游山地森林—干旱河谷交错带不同土地利用类型土壤有机碳储量	王宪师,黄从德,王勇军(148)
干旱区土地利用和土壤改良及植被恢复方式对沙地养分的恢复效应	张 瑞,张景波,曹良图(153)

植被混凝土基材 2 种草本植物根—土复合体直剪试验研究	黄晓乐, 许文年, 夏振尧(158)
陕北生态退耕区植被群落土壤贮水量与入渗特性	郑江坤, 魏天兴, 陈致富, 等(162)
共和盆地近 50 年来草地荒漠化驱动因素定量研究	张东杰(166)
黄土高原人工植被对局地小气候影响的效应研究	徐丽萍, 杨改河, 冯永忠, 等(170)
黄土区高速公路植被恢复模式与群落结构分析	郭文, 王天伟, 高照良(176)
晋西黄土丘陵沟壑区降雨分布的地形分异规律研究 ——以山西省方山县土桥沟流域为例	骆汉, 贾慧慧, 赵廷宁, 等(180)
多沙河流次洪横断面冲淤面积随机预估	王凤龙, 秦毅, 张晓芳, 等(183)
坡面植被恢复试验示范区植被群落特征初步研究	韩煜, 赵廷宁, 陈琳, 等(188)
靖边县四柏树海则引水回渗试验	宋寿鹏, 杨涛, 康卫东(195)
河南省城市土地集约利用水平的时空演变	范辉, 周晋(198)
基于系统协调度的长株潭城市群城市土地集约利用评价研究	沈彦(202)
内蒙古多伦县沙漠化土地时空变化特征	阿如罕, 杨持, 王金荣, 等(207)
典型东北农牧交错区土地利用/覆被变化分析	杨卓, 李全, 魏斌, 等(212)
黄土高原中游降雨量的空间插值方法研究	曹晓敏, 刘志红, 张晓萍(217)
重庆市农村居民点用地空间分异研究	文枫, 鲁春阳, 杨庆媛, 等(222)
秦岭北坡 4 种植被类型的土壤养分状况和微生物特征比较研究	任建宏, 燕辉, 朱铭强, 等(228)
基于 VB 的水田灌溉自动化管理系统	丁富平, 吴发启, 赵龙山, 等(233)
赤峰市黑里河天然油松林空间分布格局研究	奇凯, 张春雨, 侯继华, 等(239)
不同肥料对花岗片麻岩山地土壤微生物与有机质的影响	宋庆丰, 杨新兵, 王晓燕, 等(243)
量化方法在生态分区过程中的应用及案例研究	于世伟, 陈贺, 曾容, 等(247)
渭北黄土高原苹果生产中的问题及解决方案	李明霞, 杜社妮, 白岗栓, 等(252)
赣北丘陵区果园不同套种模式对退化红壤理化性质的影响	张华明, 王昭艳, 喻荣岗, 等(258)
基于网格法与 ANN 的县域喀斯特土地可持续利用评价 ——以广西都安瑶族自治县为例	苏广实, 胡宝清, 罗华艳(262)
土地利用及其生态服务价值演变的驱动力与预测研究 ——以江苏省为例	茆长宝, 陈勇(269)
对当前形势下退耕还林的若干思考	赵玉涛(276)
不同植被恢复模式对植被混凝土基材微生物特征的影响研究	熊诗源, 许文年, 夏栋, 等(279)

期刊基本参数: CN 61—1272/P * 1985 * b * A4 * 284 * zh * P * ¥25.00 * 1000 * 59 * 2010—08

执行主编 赵丽英

责任编辑 曹晓萍

Contents

Study on Technique to Fleetly Upgrade of Productivity of Serious Eroded Black Farmland	ZHANG Xing-yi, ZHANG Shao-liang, LIU Shuang, et al(1)
Anti-erodibility and Anti-scourability of Different Lithological Soils in the Area of Central Guizhou Province	YANG Zhi, LAN Xue, DAI Quan-hou, et al(6)
Method for Conservation of Water and Soil Monitoring on the Linearity Projects of Basic Construction	JI Wen-hui, JIA Lian-lian(10)
Study on the Effects of Returning Farmland to Forest Project on Soil Erosion in Mudanjiang	GAO Feng-jie, LEI Guo-ping, SONG Ge, et al(14)
Nitrogen Loss in the Farmland Surface Runoff under the Natural Rainfall Conditions	LI Ying-jun, WANG Ke-qin, SONG Wei-feng, et al(19)
Temporal Variability of Sandy Soil Erosion and Its Inhibiting Factors in the South Kurbantonggut Desert	Hanipa • ABULABIEKE, Sulitan, Nuermoda • DALABAI(24)
Preliminary Investigation on Soil Erosion and Spatial Distribution after Returning Farmland in Typical Watershed of Northern Shaanxi Province	WU Yan, ZHANG Xiao-ping, CHEN Feng-juan, et al(29)
Relationships between DEM-derived Slope and Horizontal Resolution	Liu Hong-yan, Yang Qin-ke, Niu Liang ² , et al(34)
Characteristics of Non-point Source Phosphorus Transport in Urban Agricultural Area Under Rainstorm	ZHANG Xu, HAO Qing-ju, GAO Yang, et al(38)
Extraction and Analysis of Destroyed Land Information of Pengzhou Based on RS and GIS	CAI Ke-ke, HE Zheng-wei, NI Zhong-yun, et al(43)
Advance of Research for Splash Erosion	HAN Xue-kun, WU Bo-zhi, AN Tong-xin, et al(46)
Comprehensive Evaluation of Soil Moisture of Abandoned Cropland Based on Attribute Recognition Model	JIAO Feng, WEN Zhong-Ming, AN Shao-shan(52)
Trend and Driving Force Analyses of Streamflow and Sediment Discharge in Jialing River	GAO Peng, MU Xing-min, WANG Wei(57)
Impact of Contour Hedgerow on Spatial and Temporal Variation of Soil Moisture in the Slopeland with Ephemeral Gully in Hilly Red Soil Region	GUO Zhong-lu, PENG Yan-ping, DING Shu-wen, et al(62)
Spatial-temporal Characteristics of Sediment Discharge and Sediment Reduction in the Middle Reaches of the Yellow River	MA Li-mei, WANG Wan-zhong, JIAO Ju-ying, et al(67)
Analysis on the Change of Eco-system Service Value in Zhalong Natural Protection Area	ZHANG Shu-hua, ZHANG Xue-ping(73)
Response to Neighbor Configurations on Coastal Land Use Simulation Results	FENG Yong-jiu, HAN Zhen(78)
Study on Dynamic of Land Use Pattern in Dagoutou Watershed	YANG Cui-lin, QIN Fu-Cang(82)
Relationship Between Land Use Change and Its Urban Air Environmental Impacts	PENG Wen-fu, ZHOU Jie-ming, LUO Huan-liang, et al(87)
Effects of Land Use on Soil Quality in Jinghe Basin of Xinjiang	HU Jiang-ling, ZHANG Gao, ZHAO Feng, et al(92)
Assessment of Ecological Vulnerability Based on Set Pair Analysis in Typical Loess Plateau Watershed	HANG Xin, DU Chao-yang, CAI Huan-jie(96)
Land Suitability Assessment of Maerkang County Based on GIS	CHEN Ying, WU Bo-qing, ZOU Zhuo-yang, et al(100)
Ecology Environmental Quality Assessment of Tangshan Region Based on ETM+ Image	ZHANG Ming-hua, TAN Yue(104)
Achieving Pareto Optimality in Exploitation of Water and Land Sources by Green Compensation	ZHANG Yan, ZHANG Hong(109)
Study on the Biomass of <i>Hippophae rhamnoides</i> L.-Forest on Converted Land in Huangshui River at Qinghai Province	ZHAO Chuan-chuan, YANG Ning-gui, LU Qi, et al(114)
Study on Root Distribution of <i>Artemisia Ordosica</i> in Mu Us Sandy Land	KANG Bo-wen, LIU Jian-jun, SUN Jian-hua, et al(119)
Ecological Security Assessments of Three Gorges Reservoir area in Chongqing Based on Gray Relational Analysis	WEI Xing-ping(124)
Root Distribution of Three Desert Shrubs and Soil Moisture in Mu Us Sand Land	ZHAO Yan, ZHOU Wen-yuan, SUN Bao-ping, et al(129)
Study on Changes in Structural Properties of Purple Soils under Different Land Use	LIN Pei-song, GAO Quan-zhou(134)

- Integrated Landscape Ecology Evaluation of Maorshan Farmland Based on GIS KONG Da, GONG Wen-feng(139)
- Analysis of Land Use Change and Its Eco-environmental Effects in Shantou City ... WANG Hong-ling, LIN Jian-ping(144)
- Soil Organic Carbon Storage under Different Land Use Types at Mountain Forest-Drought Valley Ecotone in the Upper Reaches of Minjiang River WANG Xian-shuai, HUANG Cong-de, WANG Yong-jun(148)
- Effect of Arid Region Land Use and Soil Modified and Vegetation Restoration on Sandy Nutrient Recovery ZHANG Rui, ZHANG Jing-bo, CAO Liang-tu(153)
- Direct Shear Test of Root-Soil Composite System by Two Representative Herb Plants in Vegetation-Growing Concrete Base Material HUANG Xiao-le, XU Wen-nian, XIA Zhen-yao(158)
- Soil Water Holding Capacities and Infiltration Characteristics of Vegetation Community in Ecological Cropland Conversion Area, Northern of Shaanxi Province ZHENG Jiang-kun, WEI Tian-xing, CHEN Zhi-fu, et al(162)
- Quantitative Research of Driving Factors on Grassland Desertification over Last 50 Years in Gonghe Basin Zhang Dong-jie(166)
- A Study on Microclimate Impacts of Artificial Vegetation on the Loess Plateau XU Li-ping, YANG Gai-he, FENG Yong-zhong, et al(170)
- Vegetative Restoration Pattern and Analysis of Community Structure along the Sides of Expressway on the Loess Plateau GUO Wen, WANG Tian-wei, GAO Zhao-liang(176)
- Study on the Spatial Distribution Pattern of the Rainfall in the Loess Region of West Shanxi LUO Han, JIA Hui-hui, ZHAO Ting-ning, et al(180)
- Random Prediction of Scouring and Silting Change on Cross Section of Sediment-laden River During once Flood WANG Feng-long, QIN Yi, Zhang Xiao-fang, et al(183)
- Study on the Structure of Vegetation Community on Slope Revegetation Experimental Fields HAN Yu, ZHAO Ting-ning, CHEN Lin, et al(188)
- Analysis of Experiment about Diversion Recharge in Sibaishuzaiz Lake of Jingbian County SONG Shou-peng, YANG Tao, KANG Wei-dong(195)
- Spatio-temporal Analysis of Urban Land Intensive Utilization Degree in He'nan Province FAN Hui, ZHOU Jin(198)
- An Evaluation on Intensive Use of Urban Land in Changsha, Zhuzhou and Xiangtan Urban Agglomeration Based on a System Coordination Degree Model SHEN Yan(202)
- Spatial-temporal Change Characteristics of Sandy Desertified Lands in Dolonnur County of Inner Mongolia A Ru-han, YANG Chi, WANG Jin-rong, et al(207)
- Analysis of Land Use/Cover Changes of Typical Agro-pasture Zigzag Zone in Northeast China YANG Zhuo, LI Quan, WEI Bin, et al(212)
- Study on Spatial Interpolation Method for Precipitation in the Middle of the Loess Plateau CAO Xiao-min, LIU Zhi-hong, ZHANG xiao-ping(217)
- Research on Spatial Differentiation of the Rural Residential Land in Chongqing WEN Feng, LU Chun-yang, YANG Qing-yuan, et al(222)
- Soil Nutrient Status and Microbiological Properties of Four Vegetation Types in the Northern Slope of Qinling Mountains REN Jian-hong, YAN Hui, ZHU Ming-qiang, et al(228)
- Paddy Field Irrigation Automation Management System Based on VB DING Fu-ping, WU Fa-qi, ZHAO Long-shan, et al(233)
- Spatial Pattern of *Pinus tabulaeformis* Forest QI Kai, ZHANG Chun-yu, HOU Ji-hua, et al(239)
- Impact of Different Fertilizaters on Soil Microbial and Organic Matter in the Typical Soil-Gravel Area SONG Qing-feng, YANG Xin-bing, WANG Xiao-yan, et al(243)
- Eco-regionalization Based on Quantitative Method and Case Study YU Shi-wei, CHEN He, ZENG Rong, et al(247)
- Problems and Solutions of Apple Production in Weibei Loess Plateau LI Ming-xia, DU She-ni, BAI Gang-shuan, et al(252)
- Study on Soil Physical and Chemical Properties under Different Inter-cropping for Orchards on Hilly Region in Northern Jiangxi Province ZHANG Hua-ming, WANG Zhao-yan, YU Rong-gang, et al(258)
- Evaluation of Sustainable Karst Land Use at County Regional Level Based on the Method of Lattice and ANN SU Guang-shi, HU Bao-qing, LUO Hua-yan(262)
- The Driving Force and Prediction of the Evolution of Land Use and Ecosystem Services Value MAO Chang-bao, CHEN Yong(269)
- Views on Conversion of Cropland into Forest under Current Situation ZHAO Yu-tao(276)
- Effects of Soil Microbial Features on Vegetation-growing Concrete Gunning in Different Vegetative Restoration Patterns XIONG Shi-yuan, XU Wen-nian, XIA Dong, et al(279)