

目 次

黄土丘陵沟壑区不同雨强下坡面侵蚀空间异质性及其机理	李朋飞, 曹凯, 胡晋飞, 等(1)
内蒙古农牧交错区典型黑土坡耕地土壤侵蚀空间分布特征	邹惠杰, 刘刚, 舒成博, 等(13)
基于 RUSLE 和地理探测器的皖南地区土壤侵蚀时空分异及定量归因	许长安, 王乃举(21)
晋西黄土区不同植被恢复阶段土壤生态化学计量特征	高连炜, 张红丽, 查同刚(30)
青藏高原—黄土高原过渡带土壤抗冲性及影响因素	杜芳悦, 刘俊娥, 牛百成, 等(39)
近 70 年黄河潼关站以下河段冲淤特征分析	韩超, 王飞, 戈文艳, 等(48)
不同林型橡胶林土壤水分入渗特征及影响因子	马关媛, 蒋小金, 刘佳庆, 等(57)
黄棕壤典型草地不同根系结构土壤团聚体稳定性季节变化特征	杨程高歌, 雷少华, 耿韧, 等(66)
高寒地区不同人工牧草种类对土壤酶活性及酶化学计量比的影响	徐嘉翊, 王巧红, 马铖, 等(73)
放牧对阿尔泰山哈巴河地区草地植物群落稳定性与多样性及其生物量关系的影响	曾国燕, 叶茂, 李苗苗, 等(82)
黄土残塬沟壑区人工林小流域土壤水分时空变化特征	王子涵, 龚铭, 赵炯昌, 等(92)
不同混交林配置模式对库布齐沙漠风沙土壤粒度特征的影响	李天扬, 蒙仲举, 陈晓燕, 等(101)
祁连山东段高寒草地修复过程中植物物种多样性及土壤理化性质	李浩, 何静, 王理德, 等(110)
围封对荒漠草原典型植物群落特征及多样性的影响	王益涛, 刘建康, 武志嘉, 等(121)
不同雨强下 PAM 分子量对土质堤防产流产沙的影响	邹浩, 李怡阳, 魏希莹, 等(131)
河龙区间典型流域径流年内分配对水土保持生态建设的响应	陈玮, 孙彭成, 肖培青, 等(141)
近 40 年内蒙古近地表土壤冻融状态时空演变特征解析	田鑫, 萨楚拉, 孟凡浩, 等(148)
乌玛高速沙漠段风沙环境特征及格状沙丘移动规律	李良英, 王振强, 王旭, 等(160)
基于 Budyko 理论的长江典型流域径流演变与归因分析	宋阁庆, 马晓燕, 王茂林, 等(172)
基于遥感数据的河谷地区气候水文变化特征及区域差异 ——以宝鸡地区为例	刘引鸽, 罗紫薇, 郭慧君, 等(181)
1961—2020 年赣江流域月尺度实际蒸发模拟及归因分析	姬广兴, 刘智培, 高红凯, 等(195)
沙颍河干流河南段河道生态基流价值估算与分析	王国重, 李中原, 杨丹, 等(203)
黄河源实际蒸发和径流变化多时间尺度归因分析	曹振江, 姬广兴, 杨瑞婷, 等(209)
黄土区 3 种护坡植物三维可视化模拟与根系构型参数分析	张旭, 姚晨, 杜婷, 等(218)
黄土边坡微生物矿化加固及植被恢复试验	雷磊, 王良, 樊成虎, 等(227)
石灰性壤土夏玉米—冬小麦作物体系硫铵替代减磷增效研究	董海霞, 胡捧娟, 范浩博, 等(235)
苏北不同林龄杨树人工林碳储量时空分配格局	顾宇晨, 张茜, 安宇超, 等(243)

2000—2021 年泾河流域植被 NDVI 变化及影响因素 封建民, 郭玲霞, 刘宇峰, 等(249)

1980—2020 年汾河流域耕地显性转型时空分异及其驱动力 姜 民, 武志平, 付建新(257)

黄土高原生态系统碳汇时空变化及其影响因素 张 怡, 王志慧, 卢小平, 等(266)

东三省美丽乡村建设“三生”功能耦合协调与时空演变 罗光强, 豆伊伊, 宋新宇(275)

基于海陆生态安全格局的生态修复关键区域识别

——以辽西地区为例 蔡雨池, 李 红, 刘兆顺(285)

银川市生态系统服务价值评估及多情景模拟 解铭威, 周慧荻, 陈 耸, 等(294)

基于地理分区的陕北黄土高原生态系统服务权衡/协同的尺度效应研究 温 昕, 王继军, 韩晓佳(305)

陕北地区生态系统服务的时空演变、集聚特征及权衡与协同关系 安健吉, 杨 悦, 员学锋, 等(316)

基于景观格局的玛纳斯河流域生境质量及生态风险研究 徐炳先, 彭雨欣, 李兰海, 等(328)

2000—2023 年关中平原城市群生态环境质量动态特征 权文婷, 周 辉, 王卫东, 等(336)

基于县域尺度的黑龙江省乡村人地系统耦合测度及其时空演化分析 左文洁, 李玉恒, 杜国明, 等(347)

喀斯特地区土地利用冲突识别与影响机制 廖超明, 韦媛媛, 唐 丹, 等(358)

基于 PLUS 模型的典型农牧交错带土地利用驱动力分析与多情景模拟 张启扬, 刘仁志, 栾朝旭(368)

基于国土空间变化的湖北省生境质量时空演变特征研究 陈晓杰, 张长城, 黄隆杨(379)

不同格网尺度下生态系统服务价值空间分异及影响因素分析

——以秦岭西安段为例 马超群, 弋志强, 员学锋, 等(389)

新疆耕地多功能时空特征与权衡管理 李奇峰, 王艺洁, 王浩阳, 等(400)

《水土保持研究》2024 年获奖证书及期刊部分收录证书 (封二, 封三)

期刊基本参数: CN 61-1272/P * 1985 * b * A4 * 412 * zh * P * ¥50.00 * 1000 * 43 * 2025-02

执行主编 赵丽英

编辑 辛小桂 张娜

英文编辑 王百群

Contents

The spatial heterogeneity and mechanisms of hillslope erosion under different rainfall intensities in hilly and gully Loess Plateau	Li Pengfei, Cao Kai, Hu Jinfei, et al(1)
Spatial distribution characteristics of soil erosion on typical black soil slopes in Inner Mongolia's agricultural and pastoral intertwined areas	Zou Huijie, Liu Gang, Shu Chengbo, et al(13)
Spatiotemporal differentiation and quantitative attribution of soil erosion in southern Anhui based on RUSLE and GeoDetector	Xu Changan, Wang Naiju(21)
Ecological stoichiometric characteristics of soil in different vegetation restoration stages in loess region of western Shanxi Province	Gao Lianwei, Zhang Hongli, Zha Tonggang(30)
Soil anti-scourability and influencing factors in the transition zone between the Qinghai-Xizang Plateau and Loess Plateau	Du Fangyue, Liu June, Niu Baicheng, et al(39)
Analysis of erosion and sedimentation characteristics of the Yellow River below Tongguan in the past 70 years	Han Chao, Wang Fei, Ge Wenyan, et al(48)
Soil water infiltration characteristics and influencing factors in different types of rubber forests	Ma Guanyuan, Jiang Xiaojin, Liu Jiaqing, et al(57)
Seasonal variation of soil aggregate stability of typical yellow brown soil in grasslands with different root structures	Yang Chenggaoge, Lei Shaohua, Geng Ren, et al(66)
Impact of different artificial grass species on soil enzyme activity and enzyme stoichiometry in alpine regions	Xu Jiayi, Wang Qiaohong, Ma Cheng, et al(73)
Stability and diversity of plant communities and their biomass in grassland before and after grazing in the Habahe region of Altai Mountains	Zeng Guoyan, Ye Mao, Li Miaomiao, et al(82)
The spatiotemporal variations in soil moisture of artificially afforested areas in small watershed of the gully region in the Loess Plateau	Wang Zihan, Gong Ming, Zhao Jiongchang, et al(92)
Effects of different mixed forest configuration modes on the grain size characteristics of aeolian sandy soil in Kubuqi Desert	Li Tianyang, Meng Zhongju, Chen Xiaoyan, et al(101)
Vegetation species diversity and soil physicochemical properties during restoration of alpine grassland in eastern Qilian Mountains	Li Hao, He Jing, Wang Lide, et al(110)
Impact of enclosure on characteristics diversities of typical vegetation communities in desert grasslands	Wang Yitao, Liu Jiankang, Wu Zhijia, et al(121)
Effects of PAM molecular weight on sediment production in soil embankment under different rainfall intensities	Zou Hao, Li Yiyang, Wei Xiyang, et al(131)
Responses of intra-annual runoff to remarkable soil and water conservation projects in the Hekouzhen-Longmen region	Chen Wei, Sunpeng Cheng, Xiao Peiqing, et al(141)
Analysis of spatiotemporal evolution characteristics of freeze-thaw state of surface soil in Inner Mongolia over the past 40 years	Tian Xin, Sa Chula, Meng Fanhao, et al(148)
Characteristics of wind-sand environment and the movement pattern of lattice dunes in the desert section of Wuhai-Maqin highway	Li Liangying, Wang Zhenqiang, Wang Xu, et al(160)
Runoff evolution and attribution analysis of typical river basins in the Yangtze River based on Budyko theory	Song Geqing, Ma Xiaoyan, Wang Maolin, et al(172)
Characteristic of climatic and hydrological variations in river valley regions based on remote sensing data and associated regional differences	Liu Yingge, Luo Ziwei, Guo Huijun, et al(181)
Monthly scale actual evaporation simulation and attribution analysis in Gan River Basin from 1961 to 2020	Ji Guangxing, Liu Zhipei, Gao Hongkai, et al(195)

Estimation and analysis of ecological base flow value in main stream of Shaying River in Henan Section	Wang Guozhong, Li Zhongyuan, Yang Dan, et al(203)
Multi-temporal scale attribution analysis of actual evapotranspiration and runoff changes in the source area of the Yellow River	Cao Zhenjiang, Ji Guangxing, Yang Ruiting, et al(209)
Three-dimensional visual simulation and root morphological parameter analysis of three slope protection plants in loess region	Zhang Xu, Yao Chen, Du Ting, et al(218)
Microbial solidification reinforcement and vegetation restoration of loess slope	Lei Lei, Wang Liang, Fan Chenghu, et al(227)
Study on phosphorus reduction and efficiency increase of ammonium sulfate substitution measure under summer maize-winter wheat cropping system on calcareous eum-orthic anthrosols	Dong Haixia, Hu Pengjuan, Fan Haobo, et al(235)
Spatial and temporal distribution pattern of carbon storage in <i>Populus</i> L. with different ages in northern Jiangsu Province	Gu Yuchen, Zhang Qian, An Yuchao, et al(243)
The spatiotemporal changes and its influencing factors of vegetation NDVI in the Jinghe River Basin from 2000 to 2021	Feng Jianmin, Guo Lingxia, Liu Yufeng, et al(249)
Spatiotemporal differentiation and driving forces of cultivated land dominant transition in Fenhe River Basin from 1980 to 2020	Jiang Min, Wu Zhiping, Fu Jianxin(257)
Evolution of ecosystem carbon sink and its driving factors in the Loess Plateau	Zhang Yi, Wang Zhihui, Lu Xiaoping, et al(266)
Study on the functional coupling and coordination of production-living-ecology and spatial-temporal evolution of beautiful countryside construction in the three northeastern provinces of China	Luo Guangqiang, Dou Yiyi, Song Xinyu(275)
Identification of key areas of ecological restoration based on ecological security pattern of sea-land	Cai Yuchi, Li Hong, Liu Zhaoshun(285)
Valuation of ecosystem service value and multi-scenario simulation in Yinchuan city	Xie Mingwei, Zhou Huidi, Chen Song, et al(294)
Scale effects of ecosystem service trade-offs/synergies in the Loess Plateau of northern Shaanxi based on geographical regions	Wen Xin, Wang Jijun, Han Xiaojia(305)
Spatial and temporal variation, spatial agglomeration and trade-offs and synergies of ecosystem services in northern Shaanxi	An Jianji, Yangyue, Yuan Xuefeng, et al(316)
Study on habitat quality and ecological risk in Manas River Basin based on landscape pattern	Xu Bingxian, Peng Yuxin, Li Lanhai, et al(328)
Characteristics of ecological environment quality dynamic of the urban agglomeration in Guanzhong Plain from 2000 to 2023	Quan Wenting, Zhou Hui, Wang Weidong, et al(336)
Coupling measure and spatial-temporal evolution analysis based on county scale of rural human and land system in Heilongjiang Province	Zuo Wenjie, Li Yuheng, Du Guoming, et al(347)
Identification and mechanism of land use conflict in karst area	Liao Chaoming, Wei Yuanyuan, Tang Dan, et al(358)
Analysis of driving force and multi-scenario simulation of land use in a typical agro-pastoral ecotone based on the PLUS model	Zhang Qiyang, Liu Renzhi, Luan Chaoxu(368)
Study on the habitat quality assessment based on spatiotemporal evolution of territorial space in Hubei Province	Chen Xiaojie, Zhang Changcheng, Huang Longyang(379)
Spatial difference of ecological services and its influencing factors under different scales	Ma Chaoqun, Yi Zhiqiang, Yuan Xuefeng, et al(389)
Multifunctional spatiotemporal characteristics of cultivated land and trade-off management in Xinjiang	Li Qifeng, Wang Yijie, Wang Haoyang, et al(400)