

目次

· 环境与可持续发展专刊 ·

主持人:李 鹏,苏 芳

农户土地利用效率的空间分异及影响因素——以陕南秦巴山区为例

..... 苏 芳,古梦维,刘 航,常江波(769)

中国省域新型城镇化与城乡融合发展的时空格局及其影响因素 郭玲霞,刘宇峰,封建民,贺 珊(781)

基于熵权 TOPSIS 模型的宁夏土地利用绩效评价及障碍因子诊断

..... 杨 志,李才文,任正龔,李 鹏,许垚涛,韩建纯,裴 磊(796)

基于 SD-FLUS 模型的宁夏土地利用多情景模拟

..... 耿思筱,杨 志,党小虎,隋博洋,曹小曙,李 鹏,郑智宇(806)

宁夏不同植被类型 NDVI 变化特征及其对气候的响应

..... 潘金金,任宗萍,胥世斌,李 鹏,张晓明,许垚涛,任正龔(819)

宁夏黄土丘陵沟壑区产流产沙特征及其影响因素量化

..... 范德政,梅雪梅,张晓明,李 鹏,张国军,赵 阳,任正龔(833)

1989~2019 年黄河宁夏段支流水沙变化规律及其驱动因素

..... 王传贵,梅雪梅,张国军,任正龔,张晓明,李 鹏,赵 阳(844)

基于 DPSIR-TOPSIS 模型的乌鲁木齐市绿色发展水平测度及其影响因素 刘珊珊,吴文婕,王志强(857)

基于水、碳足迹的绿洲小麦生产环境影响特征及其脱钩关系——以新疆叶尔羌河流域莎车灌区为例

..... 刘鑫钰,王 弋,贺 斌,罗平平,曹成琳(869)

近 40 年来黄土高原植被变化趋势及其生态效应 张慧雯,赵 燕,陈怡平(881)

内蒙古耕地景观生态风险评价及生态修复分区

..... 舒翰俊,范顺祥,姜亚东,王立群,李经纬,宇振荣,刘云慧(895)

广东省植被叶面积指数时空变化特征及其影响因素 毛智慧,黎丽莉,程 露,杜建军(907)

基于多源数据融合的滑坡智能识别 辛鲁斌,韩 玲,李良志(920)

基于自组织神经网络和 K-means 算法的地下空间地质环境质量三维分类及评价

..... 熊芸莹,李晓晖,袁 峰,卢志堂,吴少元,窦帆帆(929)

沉积岩中不同形态氮的提取方法及其在古环境研究中的意义

..... 邢 腾,朱园园,李 靖,王诗宇,杜 勇,邱海鸥,宋虎跃(941)

河流 Mg 同位素示踪流域化学风化研究进展 王若雯,高全洲(953)

安徽大矾山废弃矾矿区土壤重金属污染特征与健康风险评价

..... 周德华,周蓓蓓,陈晓鹏,杨 强,李晓晴,郭 江,杨 扬(966)

低影响开发组合措施(LIDs)-调蓄泵站联合削减城市径流效果——以河北省某县主城区为例

..... 李花月,张 翔,徐 欢,崔朝阳,栾清华(978)

植物叶片和植物个体的水-碳耦合及其关系 郭 鑫,张永娥,魏小燕,李永福,魏天兴,张晓明(991)

高寒草原公路建设对路域植物组成及多样性的影响 李永鹏,贾平海,云旦迦沧,陈治华,田 沛(1002)

CONTENTS

Spatial Differentiation of Land Use Efficiency of Farmers and Its Influencing Factors—Taking Qinba Mountain Area of Southern Shaanxi, China as an Example	SU Fang, GU Meng-wei, LIU Hang, CHANG Jiang-bo(769)
Spatial-temporal Pattern of Provincial New-type Urbanization and Integrated Urban-rural Development in China and Its Influence Factors	GUO Ling-xia, LIU Yu-feng, FENG Jian-min, HE Shan(781)
Evaluation of Land Use Performance in Ningxia, China Based on Entropy-weight TOPSIS Model and Diagnosis of Its Obstacle Factors	YANG Zhi, LI Cai-wen, REN Zheng-yan, LI Peng, XU Yao-tao, HAN Jian-chun, PEI Lei(796)
Multi-scenarios Simulation of Ningxia Land Use in China Based on SD-FLUS Model	GENG Si-xiao, YANG Zhi, DANG Xiao-hu, SUI Bo-yang, CAO Xiao-shu, LI Peng, ZHENG Zhi-yu(806)
Variation Characteristics of NDVI of Different Vegetation Types in Ningxia, China and Their Responses to Climate	PAN Jin-jin, REN Zong-ping, XU Shi-bin, LI Peng, ZHANG Xiao-ming, XU Yao-tao, REN Zheng-yan(819)
Characteristics of Runoff and Sediment Yield in the Loess Hilly and Gully Region of Ningxia, China and Quantification of Their Influencing Factors	FAN De-zheng, MEI Xue-mei, ZHANG Xiao-ming, LI Peng, ZHANG Guo-jun, ZHAO Yang, REN Zheng-yan(833)
Variation of Water and Sediment in the Tributaries of Ningxia Section of Yellow River, China from 1989 to 2019 and Their Driving Factors	WANG Chuan-gui, MEI Xue-mei, ZHANG Guo-jun, REN Zheng-yan, ZHANG Xiao-ming, LI Peng, ZHAO Yang(844)
Calculation on Green Development Level of Urumqi in Xinjiang, China Based on DPSIR-TOPSIS Model and Its Influencing Factors	LIU Shan-shan, WU Wen-jie, WANG Zhi-qiang(857)
Characteristics of Environmental Impact for Wheat Production and Their Decoupling Relationship in Oasis Irrigation Area Based on Water and Carbon Footprints—Taking Shache Irrigation District in Yarkant River Basin of Xinjiang, China as an Example	LIU Xin-yu, WANG Yi, HE Bin, LUO Ping-ping, CAO Cheng-lin(869)
Vegetation Trends and Ecological Effects on the Loess Plateau, China in the Last Forty Years	ZHANG Hui-wen, ZHAO Yan, CHEN Yi-ping(881)
Landscape Ecological Risk Assessment and Ecological Restoration Zoning of Cultivated Land in Inner Mongolia, China	SHU Han-jun, FAN Shun-xiang, JIANG Ya-dong, WANG Li-qun, LI Jing-wei, YU Zhen-rong, LIU Yun-hui(895)
Spatio-temporal Variation of Vegetation Leaf Area Index and Its Influencing Factors in Guangdong Province, China	MAO Zhi-hui, LI Li-li, CHENG Lu, DU Jian-jun(907)
Landslide Intelligent Recognition Based on Multi-source Data Fusion	XIN Lu-bin, HAN Ling, LI Liang-zhi(920)
3D Classification and Evaluation of Underground Space Geological Environment Quality Based on SOM and K-means Algorithm	XIONG Yun-ying, LI Xiao-hui, YUAN Feng, LU Zhi-tang, WU Shao-yuan, DOU Fan-fan(929)
Extraction Methods of Different Forms of Nitrogen from Sedimentary Rocks and Their Significance in Palaeo-environmental Research	XING Teng, ZHU Yuan-yuan, LI Jing, WANG Shi-yu, DU Yong, QIU Hai-ou, SONG Hu-yue(941)
Review on Chemical Weathering Within a Drainage Basin Traced by Mg Isotopes	WANG Ruo-wen, GAO Quan-zhou(953)
Soil Heavy Metal Pollution Characteristics and Health Risk Assessment in Dafanshan Abandoned Alum Mining Area of Anhui, China	ZHOU De-hua, ZHOU Bei-bei, CHEN Xiao-peng, YANG Qiang, LI Xiao-qing, GUO Jiang, YANG Yang(966)
Effect of LIDS-storage Pumping Station on Urban Runoff Reduction—A Case Study of One County in Hebei Province, China	LI Hua-yue, ZHANG Xiang, XU Huan, CUI Zhao-yang, LUAN Qing-hua(978)
Water-carbon Coupling of Plant Leaf and Whole-plant and Their Relationship	GUO Xin, ZHANG Yong-e, WEI Xiao-yan, LI Yong-fu, WEI Tian-xing, ZHANG Xiao-ming(991)
Influence of Highway Construction on Plant Species, Growth and Diversity in Alpine Grassland Area	LI Yong-peng, JIA Ping-hai, YUNDAN Jia-cang, CHEN Zhi-hua, TIAN Pei(1002)