

目 次

· 水土流失监测技术专栏 ·

北京市土壤侵蚀监测方法探讨 袁爱萍, 路炳军, 段淑怀, 魏商(1)

基于多源遥感数据的浙江省水土流失遥感监测 周祖煜, 章孝灿, 聂国辉, 王安明, 黄智才(4)

土壤侵蚀监测新方法和新技术 唐强, 鲍玉海, 贺秀斌, 文安邦, 张信宝(11)

南方崩岗发育特征及其监测技术探讨 刘洪鹤, 刘宪春, 张平仓, 王一峰(19)

基于 GIS 的北京市土壤侵蚀量计算 路炳军, 刘洪鹤, 张波, 袁爱萍, 段淑怀(24)

多点出流 PVC 材料径流小区建设 陈瑾(28)

基于三维激光扫描仪的坡面细沟侵蚀动态过程研究 霍云云, 吴淑芳, 冯浩, 原立峰(32)

新《水土保持法》特点的分析 毛兴华(38)

模拟降雨条件下碱性坡地土壤侵蚀试验 肖娟, 闫鹏, 路文丽(41)

基于分形理论的三峡库区土壤侵蚀空间格局变化
..... 汪涛, 黄子杰, 吴昌广, 周志翔, 肖文发, 王鹏程(47)

西南岩溶区水土流失过程及防治对策 曹建华, 鲁胜力, 杨德生, 蒋忠诚, 康志强(52)

黄土高原沟壑区典型小流域土地利用变化及其对水土流失的影响
..... 陈攀攀, 常宏涛, 毕华兴, 陈智汉(57)

黄土坡耕地耕作方式不同时微地形分布特征及水土保持效应
..... 赵龙山, 宋向阳, 梁心蓝, 张青峰, 吴发启(64)

黄土高原沟壑区长武县 2009 年土地利用结构特征分析
..... 张建军, 张晓萍, 陈凤娟, 马芹, 雷泳南, 万龙(71)

基于植被恢复潜力的强度石漠化地区立地因子研究 高华端, 林泽北, 袁勇, 浦浪超, 姚李(80)

不同配置的行带式杨树固沙林与带间植被修复的关系 姜丽娜, 杨文斌, 姚云峰, 卢琦(88)

煤矸石山不同植被恢复模式对土壤侵蚀和养分流失的影响 王丽艳, 张成梁, 韩有志, 裴宗阳(93)

宝天曼栎类天然林群落环境解释的多元分析 闫东锋, 杨喜田(100)

思茅松中幼龄人工林的生物量碳密度及其动态变化
..... 李江, 邱琼, 朱宏涛, 孟梦, 陈宏伟, 冯弦, 刘永刚, 郭永清, 翟明普(106)

黄土丘陵区农村道路的布局特征分析——以燕沟流域为例 徐学选, 李波, 郑世清, 李星(112)

“土壤侵蚀原理”研究型教学方法 史东梅, 谌芸, 龙太会(116)

CONTENTS

Discussion on the soil erosion monitoring method in Beijing City	
.....	<i>Yuan Aiping, Lu Bingjun, Duan Shuhuai, Wei Shang</i> (1)
Remote sensing monitoring of soil erosion in Zhejiang Province based on multi-source remote sensing data	
.....	<i>Zhou Zuyu, Zhang Xiaocan, Nie Guohui, Wang Anming, Huang Zhicai</i> (4)
New soil erosion monitoring methods and techniques	
.....	<i>Tang Qiang, Bao Yuhai, He Xiubin, Wen Anbang, Zhang Xinbao</i> (11)
Characteristics of slope collapse and its monitoring technology in Southern China	
.....	<i>Liu Honghu, Liu Xianchun, Zhang Pingcang, Wang Yifeng</i> (19)
Calculation on soil erosion in Beijing City based on GIS	
.....	<i>Lu Bingjun, Liu Honghu, Zhang Bo, Yuan Aiping, Duan Shuhuai</i> (24)
Construction of runoff plot with multi-outflow PVC material	 <i>Chen Jin</i> (28)
Dynamic process of slope rill erosion based on three-dimensional laser scanner	
.....	<i>Huo Yunyun, Wu Shufang, Feng Hao, Yuan Lifeng</i> (32)
Characteristics of the new Soil and Water Conservation Law	 <i>Mao Xinghua</i> (38)
Erosion of sodic slope under the condition of simulated rainfall	 <i>Xiao Juan, Yan Peng, Lu Wenli</i> (41)
Spatial pattern variation of soil erosion in Three Gorges Reservoir Area based on fractal theory	
.....	<i>Wang Tao, Huang Zijie, Wu Changguang, Zhou Zhixiang, Xiao Wenfa, Wang Pengcheng</i> (47)
Process of soil and water loss and its control measures in karst regions, Southwestern China	
.....	<i>Cao Jianhua, Lu Shengli, Yang Desheng, Jiang Zhongcheng, Kang Zhiqiang</i> (52)
Land use change and its effects on soil and water loss in typical small watershed of Loess Plateau gully region	
.....	<i>Chen Panpan, Chang Hongtao, Bi Huaxing, Chen Zhihan</i> (57)
Micro-relief characteristics of loess sloping farmland under different tillage practices and its effects of soil and water conservation	
.....	<i>Zhao Longshan, Song Xiangyang, Liang Xinlan, Zhang Qingfeng, Wu Faqi</i> (64)
Characteristics of land use structure in 2009 in Changwu County, the Loess Plateau gully region	
.....	<i>Zhang Jianjun, Zhang Xiaoping, Chen Fengjuan, Ma Qin, Lei Yongnan, Wan Long</i> (71)
Site factors of serious rock desertification region based on vegetation restoration potential	
.....	<i>Gao Huaduan, Lin Zebei, Yuan Yong, Pu Langchao, Yao Li</i> (80)
Relationship between sand-fixing forest of <i>Populus</i> under different belts distribution pattern and their undergrowth vegetation recovery	 <i>Jiang Lina, Yang Wenbin, Yao Yunfeng, Lu Qi</i> (88)
Effects of different vegetation restoration patterns in Gangue Pile on soil erosion and nutrient loss	
.....	<i>Wang Liyan, Zhang Chengliang, Han Youzhi, Pei Zongyang</i> (93)
Multivariate analysis and environment interpretation of the <i>Quercus</i> natural secondary forest in Baotianman Nature Reserve	 <i>Yan Dongfeng, Yang Xitian</i> (100)
Biomass carbon density and its dynamics for young and middle aged plantation of <i>Pinus kesiya</i> var. <i>langbianensis</i>	
.....	<i>Li Jiang, Qiu Qiong, Zhu Hongtao, Meng Meng, Chen Hongwei, Feng Xuan, Liu Yonggang, Guo Yongqing, Zhai Mingpu</i> (106)
Distribution characteristics of rural road in the Loess Hilly Plateau: A case study of Yangou Watershed	
.....	<i>Xu Xuexuan, Li Bo, Zheng Shiqing, Li Xing</i> (112)
Research-oriented teaching mode for the course of <i>Soil Erosion Principle</i>	
.....	<i>Shi Dongmei, Chen Yun, Long Taihui</i> (116)