

林业调查规划

第 49 卷 第 5 期

(总第 263 期)

2024 年 9 月

目 次

● 森林经理

- 滇西北高山松根径与胸径相关性模型比选研究 解开宏, 宋永俊, 牛红玉, 冷鸿天(1)
县级森林蓄积量连续监测方法及应用系统设计 高飞, 田颖泽, 王勇军, 李娜娜(7)

● 森林培育

- 覆土厚度及土壤水分对五角枫种子萌发及幼苗生长的影响 鲁敏, 吴振廷, 闫婷, 尚海军, 师鹏飞, 王美珍, 乌日恒(18)
基于 MaxEnt 模型的云南省华山松潜在适生区研究 李华, 覃阳平, 罗春林, 杨海方, 侯文通(24)
抗微红梢斑螟高产脂茅松优良无性系选择 李宏斌, 李思广, 杨斌(32)
极危植物西藏白皮松引种育苗技术研究 罗利彬, 苏震雷, 张庆, 泽仁卓玛, 杨波, 魏建生(36)
滇池流域人工造林典型模式研究 路飞, 赫尚丽, 宋升治, 付磊, 冯坚民, 刘兴波, 刘燕婕(42)

● 资源管理

- 四川省国家储备林管理运行机制分析与优化建议 熊定伟, 郭嘉, 余小晏, 殷国兰, 辜云杰(48)
护林员绩效考核的量化评价研究 张峰玲, 黄天来, 程爱林, 童红卫, 陈哲, 蔡凯, 李勇, 叶婷婷, 刘静(56)
天然林调查核实关键技术研究 赵书学, 汤明华, 卢永亚(63)

● 生态保护修复

- 火烧迹地恢复更新研究综述 杨昊东, 汤捷, 王秋华, 王劲, 邢付吉, 洪瑞成, 宋春显(68)
湿地生态修复及景观优化策略研究 张琳瞳, 刘怡芸, 孙悦(76)

● 自然保护地

- 云南玉龙雪山自然保护区科研监测发展布局 郑静楠, 郑进烜, 李柱存, 陈星志, 张森, 王勇(80)
西藏自治区自然保护地空间特征研究 马竟一, 王恒颖, 王梦君(86)
孟州市滨河公园使用后评价研究 陈静, 王鹏飞, 王明跃(93)
惠阳金桔市级自然保护区植物资源研究 黎映欣(100)

● 生态系统(含森林、草原、湿地、景观)

- 基于 Citespace 的国外自然教育研究进展 杨文敏, 乔靖雯, 李升科, 王美仙(106)

- 云南省沼泽湿地生态系统服务功能价值评价 吴富勤,朱定芬,秦燕,刘茜,宋劲忻(118)
节约型园林植物景观参数化构建与生态格局设计 王钰(125)
1980—2020年洱海流域土地利用变化及趋势预测研究
..... 姜健发,王生,杨国斌,王有兵,杨月圆,李曼青,李亚楠,赵雪美,胡昌平(132)
洛阳市中心城区景观格局时空梯度分析 ... 刘盛源,孙杰,王燕飞,王江丽,桑鹏辉,白萨日娜,谢海玲(140)
张掖市人工林区域水源涵养能力与覆盖面积空间差异动态模拟分析 陈学武(147)
基于最小阻力面模型的墨江县生态安全格局构建与分析 杨天森,程静,郭志东,张宇笑(153)
土地利用变化与大气污染物对太原市热环境的影响研究 刘翔宇,付绍桐,乔琼,王世锋,甄志磊(159)

●动植物(含古树名木)

- 取食不同种类有机废弃物对白星花金龟生长发育的影响 张瑞姝,张燕如(167)
南涧凤凰山2018—2022年秋季环志雀形目鸟类多样性 崔茂欢,时国彩,袁玉川,李剑,徐家武(172)
云南省古核桃资源现状研究 刘鹏程,唐文静,马方莲(180)
上海动物园野生动物收容救护现状分析 李浩然,张伟逸,陈刚(185)

●森林土壤

- 基于熵权TOPSIS法综合评价不同树种的混交方式对土壤物理性质的影响
..... 尚天歌,于楠楠,薛利忠,李佳鑫,焦欣磊,朱云佳,郭扬,尹喆,胡燕(191)
不同类型豆科植物群落凋落物对城市土壤质量的影响
..... 窦金萍,武小钢,杨秀云,陈冠光,靳雅君,吴茜(198)

●林草灾害(含林火、病虫害、外来物种)

- 滇西北自然生态系统外来植物入侵风险评估及管控策略研究
..... 何绍顺,熊清,杨光照,高琳娜,吉晋德,高景芳(205)
雷击森林火险区划模型及其在泰山林区的应用 陈乐奇,徐鑫,孔祥宁,刘向科,邬铭法(214)

●园林绿化

- 老龄化视角下城市公园绿地供需评价研究 宁玲,邓子璇,邹游(221)
大自然调色板(云南寻甸北大营草场) 张正友摄(封面)

Forest Inventory and Planning

Vol. 49 No. 5

(Sum No. 263)

Sep. 2024

Contents

● Forest Management

- Comparison and Selection of Correlation Models between Root Diameter and Breast Height Diameter of *Pinus densata* in Northwest Yunnan XIE Kaihong, SONG Yongjun, NIU Hongyu, LENG Hongtian(1)
Continuous Monitoring Method and Application System Design of Forest Stock Volume at County Level GAO Fei, TIAN Yingze, WANG Yongjun, LI Nana(7)

● Forest Cultivation

- Effect of Covering Soil Thickness and Soil Water Content on Seed Emergency and Seedling Growth of *Acer mono* LU Min, WU Zhenting, YAN Ting, SHANG Haijun, SHI Pengfei, WANG Meizhen, WU Riheng(18)
Potential Habitat of *Pinus armandii* in Yunnan Province Based on MaxEnt model LI Hua, QIN Yangping, LUO Chunlin, YANG Haifang, HOU Wentong(24)
Superior Clone Selection of *Pinus kesiya* var. *langbianensis* with High Resin Yield and Resistance to *Dioryctria rubella* LI Hongbin, LI Siguang, YANG Bin(32)
Introduction and Seedling Raising Techniques of *Pinus gerardiana* LUO Libin, SU Zhenlei, ZHANG Qing, Zeren Zhuoma, YANG Bo, WEI Jiansheng (36)
Discussion on Typical Model of Artificial Afforestation in Dianchi Lake Watershed LU Fei, HE Shangli, SONG Shengzhi, FU Lei, FENG Jianmin, LIU Xingbo, LIU Yanjie(42)

● Resource Management

- Analysis and Optimization Suggestions on Operation Mechanism of National Reserve Forest Management in Sichuan Province XIONG Dingwei, GUO Jia, YU Xiaoyan, YIN Guolan, GU Yunjie(48)
Quantitative Evaluation of Forest Ranger Performance Assessment ZHANG Fengling, HUANG Tianlai, CHENG Ailin, TONG Hongwei, CHEN Zhe, CAI Kai, LI Yong, YE Tingting, LIU Jing(56)
Key Technologies for Natural Forest Investigation and Verification ZHAO Shuxue, TANG Minghua, LU Yongya(63)

● Ecological Protection and Restoration

- Review on Restoration and Renewal of Forest Burned Land YANG Haodong, TANG Jie, WANG Qiuhua, WANG Jin, XING Fuji, HONG Ruicheng, SONG Chunxian(68)
Wetland Ecological Restoration and Landscape Optimization Strategies ZHANG Lintong, LIU Yiyun, SUN Yue (76)

● Natural Protected Areas

- Development Layout of Scientific Research Monitoring in Yulong Snow Mountain Nature Reserve of Yunnan ZHENG Jingnan, ZHENG Jinxuan, LI Zhucun, CHEN Xingzhi, ZHANG Miao, WANG Yong(80)
Spatial Characteristics of Natural Protected Areas in Xizang Autonomous Region MA Jingyi, WANG Hengying, WANG Mengjun(86)
Post-use Evaluation of Urban Riverfront Park in Mengzhou City CHEN Jing, WANG Pengfei, WANG Mingyue(93)
Plant Resources of Jinju Municipal Nature Reserve in Huiyang LI Yingxin(100)

●Ecosystem(Forests , Grasslands , Wetlands and Landscapes)

- Research Progress of Foreign Nature Education Based on Citespace YANG Wenmin, QIAO Jingwen, LI Shengke, WANG Meixian(106)
- Evaluation of Marsh Wetland Ecosystem Service Value in Yunnan Province WU Fuqin, ZHU Dingfen, QIN Yan, LIU Qian, SONG Jinxin(118)
- Parametric Construction and Ecological Pattern Design of Economical Garden Plants WANG Yu(125)
- Land Use Change and Trend Forecast in Erhai Basin from 1980 to 2020 JIANG Jianfa, WANG Sheng, YANG Guobin, WANG Youbing, YANG Yueyuan, LI Manqing, LI Yanan, ZHAO Xuemei, HU Changping(132)
- Spatial and Temporal Gradient Analysis of Landscape Pattern in Central Urban Area of Luoyang City LIU Shengyuan, SUN Jie, WANG Yanfei, WANG Jiangli, SANG Penghui, BAI Sarina, XIE Hailing(140)
- Dynamic Simulation Analysis of Spatial Differences of Water Conservation Capacity and Coverage Area of Artificial Forests in Zhangye City CHEN Xuewu(147)
- Construction and Analysis of Ecological Security Pattern Based on Minimum Resistance Surface Model YANG Tianmiao, CHENG Jing, GUO Zhidong, ZHANG Yuxiao(153)
- Effects of Land Use Change and Air Pollutants on Thermal Environment in Taiyuan City LIU Xiangyu, FU Shaotong, QIAO Qiong, WANG Shifeng, ZHEN Zhilei(159)

●Plant and Animal(Old and Famous Trees)

- Effects of Feeding Different Kinds of Organic Waste on Growth and Development of *Potosia brevifarsis* ZHANG Ruishu, ZHANG Yanru(167)
- Diversity of Autumn Ringed Passerine Birds in Nanjian Fenghuang Mountain from 2018 to 2022 CUI Maohuan, SHI Guocai, YUAN Yuchuan, LI Jian, XU Jiawu(172)
- Current Status of Ancient Walnut Resources in Yunnan Province LIU Pengcheng, TANG Wenjing, MA Fanglian(180)
- Current Situation of Wildlife Shelter and Rescue in Shanghai Zoological Park LI Haoran, ZHANG Weiyi, CHEN Gang(185)

●Forest Soil

- Comprehensive Evaluation of Effects of Mixed Patterns of Different Tree Species on Soil Physical Properties Based on Entropy Weight TOPSIS Method SHANG Tiange, YU Nannan, XUE Lizhong, LI Jiaxin, JIAO Xinlei, ZHU Yunjia, GUO Yang, YIN Zhe, HU Yan(191)
- Effects of Litter Properties of Different Types of Leguminosae Plant Community on Urban Soil Quality DOU Jinping, WU Xiaogang, YANG Xiuyun, CHEN Guanguang, JIN Yajun, WU Qian(198)

●Forest and Grassland Disaster(Forest Fires , Pests and Diseases , and Alien Species)

- Risk Assessment and Control Strategies of Invasive Plants in Natural Ecosystem of Northwest Yunnan HE Shaoshun, XIONG Qing, YANG Guangzhao, GAO Linna, JI Jinde, GAO Jingfang (205)
- Forest Fire Risk Zoning Model of Lightning Strike and Its Application in Mount Taishan Forest Area CHEN Leqi, XU Xin, KONG Xiangning, LIU Xiangke, WU Mingfa(214)

●Landscape Greening

- Supply and Demand Evaluation of Urban Park Green Space from the Perspective of Aging Population NING Ling, DENG Zixuan, ZOU You(221)
- Natural Palette(Beidaying Grassland in Xundian of Yunnan) Photographed by ZHANG Zhengyou(Front Cover)