

## 目 次

## ●森林经理

- 基于小批量梯度下降的神经网络模型估算针叶林生物量 ..... 曾小强,徐翔,张化永(1)  
Excel 数组公式在林业多条件求和中的应用 ..... 阳昭(7)

## ●研究与探索

- 柑橘凤蝶化蛹时间对越冬蛹历期及羽化率的影响 ..... 刘平,师玉清,朱绍昱等(12)  
广西马尾松人工林土壤肥力评价研究 ..... 覃其云,唐健,邓小军等(16)  
千岛湖消落带区域环境监测研究进展 ..... 徐高福,叶小青,余梅生等(22)

## ● 林火研究

- 云南省森林火灾保险损失面积调查方法探讨 ..... 吴连(29)  
我国县(区)级单位森林防火能力建设研究 ..... 邹全程,王丽娜(33)

## ●森林资源管理

- 庐山景天科多肉植物资源调查及其利用现状 ..... 卢洁,梁同军,胡余楠等(38)  
云南干热河谷地区榔枣种质资源调查研究 ..... 符海泉,王富有,徐中亮等(44)  
巍山县森林资源消耗现状调查与管理对策 ..... 吴永会(48)

## ●湿地研究

- 滇池越冬水鸟同步调查研究 ..... 涂文姬,杨启鸿,刘波等(52)  
保山市湿地资源现状及保护管理建议 ..... 樊晓丽(58)  
青华海国家湿地公园植被多样性调查研究 ..... 吴兴华,余昌元(61)

## ●森林公园

- 森林体验与文化旅游在森林公园中的共生模式构建 ..... 江维华,王晓佳,钟乐(67)  
基于生态文化理念的江西陡水湖国家森林公园建设规划 ..... 王晓佳,江维华(71)

## ●产业开发

- 滇橄榄产业发展的问题与措施 ..... 黄佳聪,龚发萍(76)  
基于循环经济模式的开阳县茶产业发展思考 ..... 李新贵,彭丽芬,周宇(81)  
云南省薄壳山核桃产业发展现状与低效林改造技术 ..... 程静,杨建华,习学良(85)

## ●自然保护区

- 自然保护区生态旅游健康度的评价标准与实证研究 ..... 鲁小波,王万山,赵明成(87)  
近20年白马雪山国家级自然保护区研究综述 ..... 代万,李春叶,周顺福等(96)  
重庆阴条岭国家自然保护区植被初步分析 ..... 王祥福,刘晓双,牛青翠等(104)  
白马雪山国家级自然保护区森林资源现状分析 ..... 刘起斌,王有兵,郭宝华等(108)

## ●苗木培育

- 滇南石漠化区滇桤木容器育苗及造林技术 ..... 王琳,李宏伟,王齐(112)  
应用不同浓度生根剂的巨尾桉扦插技术试验 ..... 张志宏,陈金龙,王亚婷(115)

## ●森林经营

- 易门县林业分类经营现状分析 ..... 张占兴,张丽珍(118)  
高黎贡山秃杉人工林林分密度与生长关系研究 ..... 李金亮,姜健发(122)

## ●论坛

- 创意林业的理论基础与发展路径 ..... 程燕芳,李庆雷(127)  
关于林业技术规程修订中如何正确修改林种的探讨 ..... 何冬梅,刘佩云(133)  
助推云南省高速公路项目绿色选线的环评评估经验探讨 ..... 杨美临,韩方虎,陈哲(136)

## ●城市林业

- 都市郊区热岛效应时空变化及城镇化进程影响分析 ..... 刘任棋,李明阳,刘雅楠(141)  
昆明市建成区动态扩展研究 ..... 董磊,王崇云,彭明春等(147)  
2007—2017年重庆市北碚近郊区景观结构及生态服务功能评价分析 ..... 魏敏,刘聪,王海洋(154)  
庄河市滨海路绿化工程现状调查与管护措施 ..... 张罡(160)

《林业调查规划》2017年(第42卷)论文总目次 ..... (163)

- 长白山天池 ..... 许易琦摄(封面)  
凤凰山森林环境 ..... 许易琦摄(封底)

(本期责任编辑:许易琦)

## Contents

### ● Forest Management

- Estimation of Coniferous Forest Biomass by BP Neural Network Model Based on Small Batch Gradient Descent ..... ZENG Xiaoqiang , et al (1)

- Application of Excel Array Formula in the Multi-condition Sum of Forestry ..... YANG Zhao (7)

### ● Research and Explore

- Effects of Pupation Time on the Pupal Period and Eclosion Rate of Overwintering *Papilio Xuthus* Pupae ..... LIU Ping , et al (12)

- Evaluation on Soil Fertility of *Pinus massoniana* Plantations in Guangxi Province ..... QIN Qiyun , et al (16)

- Research Progress of Environmental Monitoring at Water Level -Fluctuation Belt in Thousand Islands Lake ..... XU Gaofu , et al (22)

### ● Forest Fire Research

- Investigative Methods for Insurance Damage Area of Forest Fire in Yunnan ..... WU Di (29)

- Study on the Capacity Construction of Forest Fire Prevention of Counties (Districts) in China ..... ZOU Quancheng (33)

### ● Forest Resource Management

- Investigation of Crassulaceae Succulent Plant Resources and Their Utilization in Lushan Mountain ..... LU Jie , et al (38)

- Investigation on Germplasm Resources of *Phoenix da tylifera* in Dry and Hot Valley of Yunnan ..... FU Haiquan , et al (44)

- Present Status and Management Countermeasures of Forest Resources Consumption in Weishan County ..... WU Yonghui (48)

### ● Wetland Research

- Synchronous Survey of the Wintering Waterfowl in Dianchi Lake ..... TU Wenji , et al (52)

- Present Status of Wetland Resources in Baoshan City and the Corresponding Countermeasures of Protection and Management ..... FAN Xiaoli (58)

- Study on the Vegetation Diversity in Qinghuahai National Wetland Park ..... WU Xinghua , et al (61)

### ● Forest Park

- Symbiosis Model of Forest Experience and Cultural Tourism in Forest Park ..... JIANG Weihua , et al (67)

- Construction Planning of Doushui Lake National Forest Park in Jiangxi Province Based on Ecological Culture Concept ..... WANG XiaoJia , et al (71)

### ● Industry Development

- Problems and Countermeasures of Industry Development for *Phyllanthus emblica* ..... HUANG Jiacong , et al (76)

- Development of Tea Industry in Kaiyang County Based on Circular Economy Model ..... LI Xingui , et al (81)

- Industry Development of *Carya illinoensis* and Improvement Technology for Low-yielding Forest in Yunnan Province ..... CHEN Jing , et al (85)

### ● Nature Reserve

- Evaluation Standards and Empirical Research of Nature Reserve Ecotourism Health Degree ..... LU XiaoBo , et al (87)

- Research Overview on Baimaxueshan National Nature Reserve from 1996 to 2016 ..... DAI Wan , et al (96)

- Preliminary Analysis on Vegetation of Yintiaoling Nature Reserve in Chongqing City ..... WANG Xiangfu , et al (104)

- Present Status of Forest Resource in Baimaxueshan National Nature Reserve ..... LIU Qibin , et al (108)

### ● Seedling Cultivation

- Techniques of Container Seedling and Afforestation for *Alnus ferdinandi-coburgii* in Rocky Desertification Area of South Yunnan ..... WANG Lin , et al (112)

- Research on Cutting Techniques for *Eucalyptus grandis X E. urophylla* with Different Concentration of Rooting Agent ..... ZHANG Zhihong , et al (115)

### ● Forest Operation

- Present Status of Forestry Classified Management in Yimen County ..... ZHANG Zhanxing , et al (118)

- Research on the Relationship between Stand Density and Growth of *Taiwania flousiana* Plantation in Gaoligong Mountain ..... LI Jinliang , et al (122)

### ● Forum

- Theoretical Basis and Development Approach of Creative Forestry ..... CHENG Yanfang , et al (127)

- Research on Modifying Forest Category Correctly in Revision of the Forestry Technical Regulations ..... HE Dongmei , et al (133)

- Experience of Environmental Impact Assessment on Green Route Selection of Expressway in Yunnan Province ..... YANG MeiLin , et al (136)

### ● Urban Forest

- Analysis of Spatial-temporal Change of Heat Island Effect and the Impact on Urbanization in Suburbs ..... LIU Renqi , et al (141)

- Dynamic Expansion of Built-up Area in Kunming ..... DONG Lei , et al (147)

- Landscape Structure and Ecological Service Function Evaluation of Suburb in Beibei of Chongqing from 2007 to 2017 ..... WEI Min , et al (154)

- Present Status and Management Measures of Landscape Engineering along Binhai Road in Zhuanhe City ..... ZHANG Gang (160)

- General Contents of Thesis in 2017. Vol. 42, FOREST INVENTORY AND PLANNING ..... (163)

- Tianchi Lake of Changbai Mountains ..... Photographed by XU Yiqi (Front cover)

- Forest Environment of Phoenix Mountain ..... Photographed by XU Yiqi (Back cover)