



林业类核心期刊  
《中国期刊（光盘版）》全文收录期刊  
中国期刊网全文收录期刊  
中文科技期刊数据库收录期刊  
中国核心期刊（遴选）数据库收录期刊  
万方数据——数字化期刊群  
中国学术期刊评价数据库来源期刊  
《超星期刊域出版平台》全文收录期刊

ISSN 1006-6993  
CN 15-1144/S

# 内蒙古林业调查设计

INNER MONGOLIA FORESTRY INVESTIGATION AND DESIGN



6  
2019

# 内蒙古 林业调查设计

(双月刊)

·国内外公开发行·

6  
2019

1978年创刊  
第42卷(总第186期)

编辑委员会  
主任:王才旺

副主任:王永祥 田 桢 杜 彬  
安志美 赵炳柱 陈 杰

编 委:(按姓氏笔画为序)  
于 明 王 海 王才旺  
王艳华 王文祥 牛喜山  
韦 勤 田 桢 田永祯  
白锦贤 刘林福 李国军  
李建明 祁利军 安志美  
陈 杰 陆文生 佈 和  
罗洪文 罗洪斌 杜 彬  
张 宏 张 勇 张爱军  
张红蕾 张利峻 张博文  
张根喜 张文英 段 菁  
赵学军 赵炳柱 特木钦  
郝永富 康 宏 郭世芳  
董建林 曹建军 崔清涛  
靳文迪 朝格吉乐

## 目 次

### 【森林经营】

广东省森林作业法体系设计探讨

..... 陈传国,杨沅志,姜杰,陈倩倩,杨超裕,王武敏,郑洁玮(01)

勐海县集中式饮用水源保护区森林现状特点及经营对策分析 ..... 邢晓琳(08)

### 【造林与治沙】

荒漠原生树种酸枣容器育苗试验研究

..... 赵小军,高平伟,王丽萍,周瑞芳,马瑞平(12)

胡杨地膜覆盖播种育苗技术初探 ..... 苗瑞芬(15)

麻栎轻基质无纺布容器2a生育苗技术 ..... 郑智位,林贤山,林志伟(17)

我国土地沙漠化治理产业化研究综述 ..... 杨超,李钢铁,刘艳琦(20)

内蒙古毛乌素沙地局部2009—2014年动态变化及其原因分析

..... 周景山,刘利清,吴春霞,于咏梅,邢喜云,白光梅(24)

### 【生物多样性保护】

贵州仰阿莎国家森林公园总体规划初探 ..... 任广炼,龙启德(28)

肇庆市牌坊公园观花植物资源调查及分析 ..... 黄秋燕(32)

### 【园林绿化】

园林绿化施工技术浅析 ..... 陈光辉(36)

基于柽柳的生态价值和景观价值

——打造托县《七彩红柳节》 ..... 侯亚东,王永平,崔涛(37)

### 【森林保护】

扎兰屯市区蛱蝶科昆虫种类初探 ..... 牟玉杰,刘海瑛,邢素芬(42)

### 【林业产业】

晋中市干果产业调查与思考 ..... 王晓丽(45)

**主 编:**陈 杰

**副主编:**安志美 祁利军

**编 辑:**邢喜云 崔 涛  
秦建明 斯钦毕力格

**主管单位:**内蒙古自治区林业和草原局

**主办单位:**内蒙古自治区林业监测规划院

**出版单位:**《内蒙古林业调查设计》编辑部

**出版地址:**呼和浩特市五塔寺东街3号

**邮编:**010020 **电话:**(0471)5967521

**印刷单位:**内蒙古亿佰嘉印务有限公司

**发行单位:**内蒙古自治区邮政报刊发行局

**发行日期:**2019年11月15日

**订阅:**全国各地邮政局

**邮发代号:**16-12

**E-mail:**nmydc@sina.com

**http://NMLD.chinajournal.net.cn**

**中国标准连续出版物号:** ISSN 1006-6993  
CN 15-1144/S

**每期定价:**15.00元

沙化柞蚕场定向培育特种原料林技术的探讨 ..... 连永刚(47)

## **【3S技术应用】**

ArcGIS软件在建设项目使用林地中的应用 ..... 吕风荣(50)

ArcGIS在营林作业小班设计图中的具体应用 ..... 侯建伟(53)

浅谈GPS技术和ArcGIS软件在林地勘验工作中的应用 ..... 高艳波(56)

## **【研究与探讨】**

江西九连山森林生态系统国家定位研究站合理布局探讨

..... 饶高平,陈德根,黄国贤,程明(58)

内蒙古大兴安岭重点国有林区建立国家公园体制的思考 ..... 庞晓峰(61)

新成林资源验收在提高清收还林工程质量中的作用

——以吉林省桦甸市林业局为例 ..... 刘玉军(64)

内蒙古林业行业“十三五”专业人才需求及职业教育专业课程优化调整研究

——以扎兰屯职业学院为例 ..... 王玲,苏柳,牟玉杰,刘海瑛(66)

基于Voronoi图的落叶松人工林空间结构研究

..... 杜燕,罗梅,冯陆春,孟伟(70)

晋中市林业脱贫攻坚存在问题及对策 ..... 冯海斌(76)

矿区土壤重金属污染植物修复研究概述 ..... 张仪平,黄国贤,程明(78)

辽宁林业职业技术学院实验林场林木种质资源普查成果初报

..... 徐毅,王晓春,王成禄,张玉峰,胡杰(81)

荒漠草原6种灌丛地上生物量分析

..... 郭威星,蓝登明,王玉婕,孟凡旭,温静,贾荣(87)

城市绿化树种叶表面PM2.5滞纳量及其影响因素研究进展 ..... 于晓文(90)

乌拉特中旗荒漠草原草本生物量研究

..... 王玉婕,蓝登明,郭威星,温静,贾荣(94)

氧化石墨烯对美国红栌组培苗不定根发生的影响

..... 陈天霞,姚建忠,薛斌龙,胡晓飞,张占才,王海雁,赵建国(97)

蚯蚓生态功能研究进展 ..... 陈钰琪,张虹,周垂帆(101)

# Contents

**Inner Mongolia Forestry  
Investigation and Design  
(Bimonthly)**

**6  
2019**

Started Publication in 1978  
**(Issue No.186)**

## **[Forest Operate]**

- Design of Forest Operation System in Guangdong Province ..... CHEN Chuanguo, YANG Yuanzhi, JIANG Jie,  
CHEN Qianqian, YANG Chaoyu, WANG Wumin, ZHENG Jiewei(01)  
Analysis of the Forest Status and Management Countermeasures of the  
Centralized Drinking Water Source Protection Area in Menghai County ..... XING Xiaolin(08)

## **[Afforestation and Desert Treatment]**

- Experimental Study on Container Seedling of Original Desert Tree Species of Jujuba ..... ZHAO Xiaojun,  
GAO Pingwei, WANG Liping, ZHOU Ruifang, MA Ruiping (12)  
Preliminary Study on Sowing and Seedling Technique of Populus Euphratica  
Covered With Plastic Film ..... MIAO Ruifen(15)  
2-Year-Old Seedling Technique of Quercus Variabilis Light Substrate  
Nonwovens Container ..... ZHENG Zhiwei, LIN Xianshan, LIN Zhiwei(17)  
Summary on Industrialization of Desertification Control in China ..... YANG Chao, LI Gangtie, LIU Yanqi(20)  
Analysis on Local Dynamic Changes and Causes of Maowusu Sandy Land in  
Inner Mongolia From 2009 to 2014 ..... ZHOU Jingshan,  
LIU Liqing, WU Chunxia, YU Yongmei, XING Xiyun, BAI Guangmei(24)

## **[Biodiversity Conservation]**

- Preliminary Study on the General Planning of Yangasha National Forest Park  
in Guizhou ..... REN Guanglian, LONG Qide(28)  
Investigation and Analysis of Flower Plant Resources of Memorial Arch Park  
in Zhaoqing ..... HUANG Qiuyan(32)

## **[Landscaping]**

- Analysis on Construction Technology of Landscape Greening ..... CHEN Guanghui(36)  
Colorful Rose Willow Festival of Tuoketuo County Based on the Ecological  
Value and Landscape Value of Chinese Tamarisk ..... HOU Yadong, WANG Yongping, CUI Tao(37)

## **[Forest Protection]**

- A Preliminary Study on the Species of the Nymphalidae in Zhalantun ..... MOU Yujie, LIU Haiying, XING Sufen(42)

## **[Forestry industry]**

- Investigation and Reflection on Dry Fruit Industry in Jinzhong City ..... WANG Xiaoli(45)  
Directional Cultivation Technology of Special Raw Material Forest in  
Desertified Tussah Silkworm Farm ..... LIAN Yonggang(47)

## **[Application of 3S technology]**

## **Sponsored by**

The Institute of Forestry Monitoring  
and Planning of Inner Mongolia  
Autonomous Region

## **Edited by**

Editorial Dept.of Inner Mongolia  
Forestry Investigation and  
Design

## **Address**

3 Eastern Street Wutasi District,  
Hohhot,China

|  |       |   |
|--|-------|---|
| Application of ArcGIS in the Use of Forest Land in Construction Projects   | ..... | LV Fengrong(50)   |
| Application of ArcGIS in the Design of Subcompartment in Forest Operation  | ..... | HOU Jiangwei(53)  |
| Application of GPS Technology and ArcGIS Software in Forest Land Inspection  | ..... | GAO Yanbo(56)   |
| <b>[Research and Inquiry ]</b>   |       |   |
| Rational Distribution of National Positioning Observation and Research Station<br>of the Forest Ecosystem in Julian Mountain of JiangXi Province | ..... | RAO Gaoping, CHEN Degen, HUANG Guoxian, CHENG Ming(58)    |
| Thoughts on the Establishment of National Park System in Key State–Owned<br>Forest Areas of Daxing'an Mountains in Inner Mongolia                | ....  | PANG Xiaofeng(61)   |
| The Role of Acceptance of Newly Formed Forest Resources in Improving the<br>Quality of Forest Clearance and Return Project                       | —     | A Case Study of Huadian Forestry Bureau of Jilin Province |
|  | ..... | LIU Yujun(64)   |
| Demand of Professional Talents and the Optimization<br>and Adjustment of Vocational Education Curriculum in Inner                                |       |   |
| Mongolia Forestry Industry During the 13th Five–Year Plan  | ..... |   |
| —A Case Study of Zalantun Vocational College   | ..... | WANG Ling, SU Liu, MOU Yujie, LIU Haiying(66)             |
| Spatial Structure of Artificial Larix Gmelinii Plantation Based on Voronoi Diagram   | ..... | DU Yan, LUO Mei, FENG Luchun, MENG Wei(70)                |
| Problems and Countermeasures of Forestry Poverty Alleviation in Jinzhong City  | ..... | FENG Haibin(76)   |
| Overview of Phytoremediation of Heavy Metal Contaminated Soils in Mining Areas   | ..... | ZHANG Yiping, HUANG Guoxian, CHENG Ming(78)               |
| Preliminary Report on the Results of General Survey of Forest Germplasm<br>Resources in Experimental Forest Farm of Liaoning                     |       |   |
| Forestry Vocational and Technical College  |       |   |
| ... XU Yi , WANG Xiaochun, WANG Chenglu, ZHANG Yufeng, HU Jie(81)  |       |   |
| Analysis of Aboveground Biomass of 6 Kinds of Shrubs in Desert Steppe  | ..... | GUO Weixing, LAN Dengming,                                |
|  |       | WANG Yujie, MENG Fanxu, WEN Jing, JIA Rong(87)            |
| Research Progress on PM2.5 Retention Amounts on Leaf Surface of Urban<br>Greening Trees and its Influencing Factors                              | ..... | YU Xiaowen(90)  |
| Herbaceous Biomass of Desert Steppe in Wulate Middle Banner  | ..... |   |
| .... WANG Yujie , LAN Dengming, GUO Weixing, WEN Jing, JIA Rong(94)  |       |   |
| Effect of Graphene Oxide on Adventitious Foot Formation of Tissue–Cultured<br>Plantlets of Cotinus Coggygria Royal Purple                        | ..... |   |
|  |       | CHEN Tianxia, YAO Jianzhong, XUE Binlong,                 |
|  |       | HU Xiaofei, ZHANG Zhancai, WANG Haiyan, ZHAO Jianguo (97) |
| Research Process in the Ecological Functions of Earthworms   | ..... | CHEN Yuqi, ZHANG Hong, ZHOU Chufan(101)                   |