

目 次

防护林科技

FANGHULIN KEJI

2010年7月第4期(总97期)

双月刊 1983年创刊 公开发行

本刊顾问

毛玉琪 李成烈

第五届编辑委员会

主任委员 杨克杰

副主任委员 许成启

潘凌安

委员(以姓氏笔划为序)

于德胜

牟景君

许成启

吴长江

郑洪生

谭芳林

主编 许成启

副主编 郑洪生(常务)

郑洪生

英文编译 王红梅

主管 黑龙江省林业厅

主办 黑龙江省森林与环境科学研究院

协办 国家林业局三北防护林建设局

福建省林科院生态环境研究所

辽宁省固沙造林研究所

黑龙江省齐齐哈尔林业学校

编辑出版 防护林科技编辑部

地址:161005 齐齐哈尔市龙沙区合意大街8号

电话:0452-8072309

印 刷 齐齐哈尔慧达印刷有限公司

订 阅 全国各地邮局(所)

国内发行 齐齐哈尔市邮政局

国内代号 14-244

国外发行 中国出版对外贸易总公司

(北京782信箱,邮编:100011)

国外代号 NT-1079

广告许可证号 齐工商广字039号

定 价 8.00元

<http://www.Chinajournal.net.cn><http://FHLK.Chinajournal.net.cn>

E-mail: FHL8072309@163.com

FHLK@Chinajournal.net.cn

试验研究

疏勒河流域荒漠化土地治理动态与研究 胡小柯,丁峰,魏怀东,等(1)
基于阶跃函数的最大连年生长量的数学确定方法研究曾群英,周元满,李际平,等(6)
新疆150团农田防护林地效研究 朱玉伟,王永红,陈启民,等(9)

珠海淇澳岛的杨叶肖槿引种育苗试验 李玫,田广红,邱凤英,等(12)

粤东海桑、无瓣海桑、拉关木冻害调查报告 陈远合,肖泽鑫,彭剑华,等(15)

桉树林下植被被他感作用与植物多样性分析 曾群英,刘素青,周元满,等(18)

4种福建乡土竹种的纤维形态分析 郑蓉,刘晓晖,廖鹏辉,等(21)

不同树种种质耐盐碱土的苗木试验 陈志强,李庆贱,时瑞亭,等(23)

寒温带半干旱地区灌木引种初选 王春,周丽君,李井库,等(27)

干旱半干旱地区沙化土地菊芋种植试验 钱寿福,孟好军(30)

不同结构农田防护林蒸腾耗水与节水潜力的研究

赵玉库,俞冬兴,李树森,等(33)
马尾松混交林土壤持水性和肥力特征 李丽红(36)

油松常见2种散斑壳属真菌致病性的研究 黄荣雁,王国娟,陈铁华,等(39)

惠阳区生物防火林带10年建设成效的调查研究 付海真(42)

用生物制剂0.12%藻酸丙二醇酯可溶液剂防治春尺蠖药效试验 任浩章,李素英,臧建,等(46)

红松阔叶混交林不同演替阶段土壤过氧化氢酶活性的研究 刘建华,刘振花,赵素华,等(48)

综述评论

红树林生态系统刍议 许艳(51)
辽宁省森林公园建设与发展的研究 曹阳,祁爽,胡丹,等(54)

长沙市生态城市建设中的伪生态现象分析 李玉文,于洋(57)

广州市科学城林相改造设计浅析 文昌宇,叶雪凌(60)

美丽胡枝子栽培技术及其在困难立地植被恢复中的应用 徐高福,洪利兴,柏明娥(63)

椰心叶甲在广东的危害及其防治研究综述 孙莉娜,董军,陈永强,等(66)

阿克苏地区退耕还林工程效益分析 秦淑琴(70)

广东特呈岛国家级海洋公园旅游环境容量分析 黄剑坚,刘素青,韩维栋,等(72)

试论土地证在林业纠纷中的地位与作用 季武强(75)

福安市湿地保护现状与对策 陈铃光(77)

温度对植物体细胞胚胎发生影响的研究进展 于世勇,王会臣,张巍(78)

浅议园林规划设计 郑书辉,许明瑶,刘林城(80)

浅议科技服务林改与成果转化 王燕,张秉尧,盛永波,等(83)

辽宁省三北工程投入与管理机制的调研报告 李庆军,秦秀忱(86)

云南省城市饮用水水源地水土流失治理措施 姜宏雷,朱艳艳(89)

浅谈桑树所需营养及其吸收利用 戴玉伟,张晓玲,张玉华,等(91)

黑龙江省地方林业发展红松坚果林的调查报告 曹明泉,毕广有,王福森(93)

赤通高速公路边坡生态恢复中的植物选择 赵晶,关英元,岳鹏,等(110)

应用技术

辽宁地区大枣低产成因及其配套丰产栽培技术 王瑞芳(117)

内蒙古宁城干旱石质阳坡山地抗旱造林技术措施 齐振祥,邢荣(118)

果园的管理技术及应用 赵红伟,马敬周(119)

白灵菇人工试栽技术 张浩洋,李冬,葛芳,等(121)

公益林建设

新疆重点公益林动态监测及评价方法初探 潘存军,程小红,张立勤(123)

辽西建平生态公益林管理及检查工作方法探讨 纪晓华,王雪民,谢敏,等(124)

初雪 李陶摄(封一)

中国革命的圣地——延安 (封二)

辽宁省固沙造林研究所教授级高工王国震 (封三)

南国边陲的绿中奇葩——看北海市生态林业建设 (封四)

Protection Forest Science and Technology

Bimonthly, started in 1983

No. 4 July 2010 (Sum No. 97)

Advisors

MAO Yu-qi LI Cheng-lie

The Fifth Editorial Committee

Head of the Committee YANG Ke-jie

Vice Head of the Committee

XU Cheng-qi LI Nu-yun PAN Ying-zhen

PAN Ling-an YE Gong-fu WANG Dian-jin

WANG Ji-hua

Members of the Committee

YU De-sheng WANG Ji-hua WANG Dian-jin

YE Gong-fu NING Xian-ming MU Jing-jun LI Chun

LI Shi-dong LI Nu-yun LI Qin XU Cheng-qi

XING Xiao-ran BI Guang-you SONG Chun-ji

SONG Xiao-dong WU Chang-jiang WU Xiang-yun

ZHANG Xue-wu ZHANG Feng-xian HONG Jia-yi

ZHENG Hong-sheng YANG Ke-jie LIN Wu-xing

CUI You-jun LIANG Qiu-an TAN Fang-lin

PAN Ling-an PAN Ying-zhen DAI Feng-hai

Editor in Chief XU Cheng-qi

Associate Editor in Chief

ZHENG Hong-sheng WU Chang-jiang

BI Guang-you

Administrated by

Forestry Dept. of Heilongjiang Province

Sponsored by

Academy of Forest and Environment of Heilongjiang Prov.

The Three North Protection Forest Administration of State Forestry Administration.

The Three North Protection Forest Station of Forestry Dept. of Heilongjiang Prov.

Jointly Sponsored by

Ecology and Environment Institute of Fujian Provincial Academy of Forestry Science

Liaoning Provincial Dune-Fixation and Afforestation Institute

Heilongjiang Provincial Qiqihar Forestry Specialized School

Edited and Published by

Editorial Dept. of Protection Forest Science and Technology

(Address No. 8 Heyi Avenue, Longsha District, Qiqihar 161005, China, Tel. 0452-8072309)

Printed by Qiqihar Huida Printing Limited Co.

Subscription All Local Post Offices in China

Distributed by Qiqihar Post Office

Foreign Distr. by

China Publication Foreign Trade Co.

(P. O. Box 782, Beijing 100011, China)

Distr. No.

Dom. 14-244 Foreign NT-1079

CONTENTS

Management dynamic & research of desertification land in Shule river basin	HU Xiao-ke et al. (1)
Determination of mathematical method for maximum current annual increment based on step function	ZENG Qun-ying et al. (6)
Soil-coerced effect of farmland shelterbelt of Xinjiang 150 regiment	ZHU Yu-wei et al. (9)
Introduction & seedling-cultivation of <i>Thespesia populnea</i> on Qi-ao island of Zhuhai city	Li Mei et al. (12)
Investigation on freeze injury of <i>Sonneratia caseolaris</i> , <i>S. apetala</i> & <i>Laguncularia racemosa</i> in eastern Guangdong province	CHEN Yuan-he et al. (15)
Analysis of allelopathy & biodiversity of plant in <i>Eucalyptus</i> spp. stand	ZENG Qun-ying et al. (18)
Fiber morphology of 4 species of native bamboo in Fujian province	ZHENG Rong et al. (21)
Seedling trial of different plant germplasm resist to soda-saline-alkali soil	CHEN Zhi-qiang et al. (23)
Introduction & primary selection of shrub in semi-arid region in cold temperature zone	WANG Chun et al. (27)
Planting experiment for <i>Jerusalem artichoke</i> on desertification land in arid & semiarid areas	QIAN Shou-fu et al. (30)
Transpiration water consumption & water-saving potential of farmland shelterbelts with different structures	ZHAO Yu-ku et al. (33)
Soil water retention & soil fertility of mixed forest of <i>Pinus massoniana</i>	Li Li-hong (36)
Pathogenicity of 2 common <i>Lophodermium</i> spp. of <i>Pinus tabulaeformis</i>	HUANG Rong-yan et al. (39)
Investigation on the 10-year's benefits & effects of bio-fireproof forest belts in Huiyang district	FU Hai-zhen (42)
By using biologics — 0.12% soluble concentrate of propylene glycol alginate to control <i>Paleacrita vernata</i>	REN Hao-zhang et al. (46)
Soil catalase activity of broad leaved mixed forest of <i>Pinus koraiensis</i> at different succession stages	LIU Jian-hua et al. (48)
Introduction of ecosystem for mangrove forest	XU Yan (51)
Construction & development of forest park in Liaoning province	CAO Yang et al. (54)
Analysis on bogus ecological phenomenon & in Changsha city's eco-city construction	LI Yu-wen et al. (57)
Design for forest form improvement in science city of Guangzhou city	WEN Chang-yu et al. (60)
Application of vegetation recovery of <i>Lespedeza formosa</i> in difficult site & its cultivation techniques	XU Gao-ji et al. (63)
Damage & control of <i>Brontispa longissima</i> in Guangdong province	SUN Lin-na et al. (66)
Benefit analysis of Returning Farmland to Forest Project in Akesu region	QIN Shu-qin (70)
Analysis of tourism carrying capacity in Guangdong Techeng Isle national marine park	HUANG Jian-jian et al. (72)
Position & function of land certificate on forestry disputes	JI Wu-qiang (75)
Present situation & countermeasure of wetland protection in Fuan city	CHEN Ling-guang (77)
Effect of temperature on cell stage of plant	YU Shi-yong et al. (78)
Planning and design of garden road	ZHENG Shu-hui et al. (80)
Sci-tech service for forestry reform & achievement transformation	WANG Yan et al. (83)
Investigation report on input & management mechanism of Three-North Shelterbelts Projects in Liaoning province	LI Qing-jun et al. (86)
Measures for soil erosion of urban water supply source in Yunnan province	JIANG Hong-lei et al. (89)
Nutrition element of soil necessary for <i>Morus alba</i> & its absorption & utilization	DAI Yu-wei et al. (91)
Investigations on developing nut forest of <i>Pinus koraiensis</i> in local forestry of Heilongjiang province	CAO Ming-quan et al. (93)
Plant selection for ecological restoration of Chitong expressway slope	ZHANG Xi-guo et al. (96)
New molecular marker—SRAP & its application on plants	WANG Cheng-cheng et al. (99)
My viewpoint of forestry sci-tec work in semiarid area in southern Liaoning province	ZHAO Su-hua et al. (103)
Ecological water of Ganzhou region in Heihe river basin in Ganze inland river	SHI Zheng-li et al. (105)
Selection of tree species for high-grade highway planting in Guizhou province	ZHANG Xiao-long et al. (107)
Application of <i>Populus davidiana</i> × <i>P. bolleana</i> & its selection of afforestation model in Landscaping	LI Jing et al. (110)
Reform benefit, problems & countermeasures for collective forest property system in Daxian county	LI Hong-zhi et al. (111)
Developing ecological economic forest of <i>Pinus koraiensis</i> in semiarid area	LIU Yan et al. (113)
Construction of farmland shelterbelt & greening technology for village in Mongolian Autonomous County, Fuxin City	PANG Hong-tao et al. (115)
Low yield causes & high-yield & cultivation technology for jujube in western part of Liaoning province	WANG Rui-fang (117)
Drought-resistant afforestation technology in arid & stony southern hill slope in Ningcheng city of Inner Mongolia	QI Zhen-xiang et al. (118)
Management technology & application of orchard	ZHAO Hong-wei et al. (119)
Artificial cultivation technology for <i>Pleurotus nebrodensis</i>	ZHANG Hao-ying et al. (121)
Dynamic monitoring & evaluation method of key public forest in Xinjiang	PAN Cun-jun et al. (123)
Forest management of ecological public & its inspection work method in western part of Liaoning province	JI Xiao-hua et al. (124)