

目 次

森林防火

SENLIN FANGHUO

季 刊

1983 年 8 月创刊

2010 年第 2 期 总第 105 期

期刊编辑部主任 陆明华

主编 姚树人

常务副主编 陈小华

编辑 韩焕金

美术编辑 徐 洁

录入排版 黄 鑫

主管 国家林业局

主办 南京森林公安高等专科学校

编辑 森林防火杂志社

出版 南京森林公安高等专科学校

期刊编辑部

订阅发行 本刊编辑部

地址 南京市仙林大学城

邮政编码 210046

电话 025-85878770 (主任室)

025-85285778 (主编室)

025-85878772 (编辑室)

025-85878773 (征订发行)

025-85878770 (广告业务)

电子信箱 ffp119@263.net

国际标准刊号 ISSN 1002-2511

国内标准刊号 CN 32-1667/S

广告经营许可证 3201007000002

印刷 江苏华柏彩色印刷有限公司

出版日期 6 月 30 日

定价 10.00 元

发行范围 全国

组织管理

邻水县集体林改与森林防火联动机制探索 周伟 1

河源市森林防火的思考 伍树青 3

扑救森林草原火灾组织指挥技术的研究 李东斌 6

森林火灾的风险性评估初探 汤宛地,朱同武 9

西南地区森林防火火源管理的对策措施 朴东赫,吴建国,陈军 12

苏州市森林火灾防控体系建设实践与思考 郑怀兵,蒋小弟 14

地形图在森林防火中的应用 张运生,张思玉 17

我国森林火灾应急预案存在缺点及对策研究 常玮,周梅 20

森林部队如何提高灭火效益 吴启庆,孙志富 26

森林消防队的发展与思考 黄宏,刘志平,况业鹏 30

林火研究

帽儿山主要树种生物学生态学燃烧性研究
..... 李艳芹,胡海清,孟昭虹,等 32

计划烧除

计划烧除对森林碳汇的影响分析 高仲亮,周汝良,王军国,等 35

林火监测

远程视频监控系统在县级森林防火工作中的应用
..... 魏远峰,崔丽娟 39

卫星林火监测热点分级处理方法初探

..... 张子辉,王凤阁,张英男 43

防火通信

超短波无线交换中心原理及组网应用
..... 张志军,肖非,吴鹏超 45

林火扑救

GNSS 制导的 V 字型野外火扑救弹的应用 邹积斌 48

森林火灾扑救中的“天-地-人-火”系统观
..... 张志,郑怀兵,杜璇 54

扑救森林火灾中使用油锯安全技术研究 傅志超,朴金波 57

生物防火措施

宁波生物防火林带乡土树种选择与实践
..... 苗国丽,林乐静,史红霞,等 60

报 道

会议报道/图·文/陆明华 封2、内插 1

2010年第2期广告索引 42

CONTENTS

Organization and Management

- Study on the Linkage Mechanism between Reformation of Collective Forest Ownership and Forest Fire Prevention in Linshui County Zhou Wei 1
Thinking on Forest Fire Prevention in Heyuan City Wu Shuqing 3
Study on the Organization and Command Technologies of Extinguishing Forest Grassland Fires Li Dongbin 6
Tentative Discussion on the Risk Assessment of Forest Fire

..... Tang Wandi, Zhu Tongwu 9

- Countermeasures on the Fire Source Management of Forest Fire Prevention in Southwestern Area Piao Donghe, Wu Jianguo, Chen Jun 12
Thinking and Practice on Building the Prevention and Control System of Forest Fire in Suzhou City Zheng Huabing, Jiang Xiaodi 14
The Application of Topographic Map to Forest Fire Prevention

..... Zhang Yunsheng, Zhang Siyu 17

- Study on Shortcomings from the Emergency Plan for Forest Fire in Our Country and their Countermeasures Chang Wei, Zhou Mei 20
How to Improve the Extinguishing Effectiveness of Forest Force

..... Wu Qiqing, Sun Zhifu 26

Thinking on the Development of Forest Fire Brigades

..... Huang Hong, Liu Zhiping, Kuang Yepeng 30

Research on Forest Fire

- Study on the Combustibility of Main Tree Species in Mao-er-shan Based on Biology and Ecology Li Yanqin, Hu Haiqing, Meng Zhaohong, et al. 32

Planning Burning

the Effect of Planning Burning on Forest Carbon Sinks

..... Gao Zhongliang, Zhou Ruliang, Wang Junguo, et al. 35

Forest Fire Monitoring

- The Application of Remote Video Monitoring System to Forest Fire Prevention Work at County Level Wei Yuanfeng, Cui Lijuan 39
Tentative Discussion on the Grading Methods of Hotspots from Satellite Forest Fire Monitoring Zhang Zihui, Wang Fengge, Zhang Yingnan 43

Communications for Forest Fire Prevention

- Networking Application and Principals of FM Wireless Witching Center Zhang Zhijun, Xiao Fei, Wu Pengchao 45

Forest Fire Extinguishing

- The Application of V Type Bomb Guided by GNSS to Extinguishing Wild Fire Zou Jibin 48

- System View of "Heaven-Earth-Human-Fire" in Extinguishing Forest Fire Zhang Zhi, Zheng Huabing, Du Xuan 54
Study on the Safety Technologies of Extinguishing Forest Fire when Using the Chain Saw Fu Zhichao, Piao Jinbo 57

Biological Fire Prevention Measures

- Selection of Native Species for Biological Firebreak Belt and Its Practice in Ningbo City Miao GuoLi, Lin Lejing, Shi Hongxia, et al. 60

FOREST FIRE PREVENTION

Quarterly

Started in August, 1983

No.2 2010(Total No.105)

Chief of Editorial Department: Lu minghua

Chief Editor: Yao Shuren

Executive Vice Editor-in-Chief: Chen Xiaohua

Editor: Han Huanjin

Art Editor: Xu Jie

Typesettor: Huang Xin

Responsible Department : State Forestry Bureau

Sponsor: Nanjing Forestry Police College

Editor: Magazine Society of Forest Fire Prevention

Publisher: Editorial Department of Nanjing Forestry Police College

Address: Nanjing Forestry Police College in Nanjing Xianlin University City

Postal Code: 210046

Phone: 025-85878770(chief)

025-85285778(chief editor)

025-85878772(editors)

025-85878773(order and distribution)

025-85878770(advertising)

E-mail Address: ffp119@263.net

International Standard Publication Number: ISSN 1002-2511

China Standard Publication Number: CN 32-1667/S

Ad. Licence: 3201004021895

Printed by: Jiangsu Huabo Colour Printing Limited Company

Press Date: June 30th

Price: RMB ¥10.00

Distributed Nationwide