

目 次

农业气候资源

- 区域气候模式 PRECIS 对中国气候的长期数值模拟试验 王芳栋 许吟隆 李涛(327)
河南省境内以淮河为界的南北气候变化差异分析 苏坤慧 延军平 李建山(333)
气候变化对两种候鸟物候期的影响初探:以大丰市调查为例 杨丽慧 郑有飞 许遐祯等(338)
1960—2008年吉林省降水量的时空演变特征 曾丽红 宋开山 张柏等(344)
气候变暖对信阳地区水稻生育期的影响 薛昌颖 刘荣花 吴骞(353)
1961—2008年山东省农耕期的动态变化 王建源 范里驹 张璇(358)
闽江河口湿地气候变化趋势与突变分析 张星 彭云峰 谢怡芳等(364)

农业生态环境

- 生物腐植酸对新疆甘草产地沙退化土壤修复效果评价:以土壤养分指标为例 于江 朱昌雄 郭萍等(369)
内蒙古杭锦旗北部盐碱田温湿盐动态与生产利用 杨泽龙 巴彦 冯日升等(374)
宁夏灌区不同氮磷组合对水稻产量及氮肥利用率的影响 李巧珍 陈晓群 李玉中等(379)
基于 Holdridge 分类系统的内蒙古草原类型气候区划指标 巩祥夫 刘寿东 钱拴(384)
江西省近 46 年蒸发皿蒸发量变化特征及其影响因素分析 顾人颖 周锁铨 宋洁等(388)
自然和人为条件下 UV-B 辐射减弱对烟草抗氧化酶活性的影响 陈宗瑜 王毅 钟楚(395)
中国设施农业气象业务服务现状与对策 高浩 黎贞发 潘学标等(402)
热阻帘在日光温室墙体热量释放调节中的应用初报 王炼 杨其长(407)
抽穗期高温胁迫对水稻产量构成要素和品质的影响 谢晓金 李秉柏 李映雪等(411)
贵州西部烤烟移栽期人工增雨的效益评估 池再香 张普宇 宗德华等(416)
灌溉农田土壤湿度的时空变化特征 谭凯炎 房世波 任三学(423)

作物气象

- 基于历史产量丰歉影响指数的黑龙江省水稻产量动态预报 杜春英 李帅 王晾晾等(427)
降水量和积温变化对天津冬小麦产量的影响 柳芳 黎贞发(431)
云南玉溪烟区两烟草品种叶片光合作用对光和 CO₂ 的响应 钟楚 王毅 简少芬等(436)
气候变化对云南气候生产潜力的影响 李蒙 朱勇 黄玮(442)

信息技术应用

- 基于 MODIS 数据的东北地区大气水汽含量反演 吴俊杰 宋开山 刘志明等(447)
基于遥感技术监测作物收获指数(HI)的可行性分析 杜鑫 吴炳方 蒙继华等(453)

农业气象灾害

- 气象因素对林业有害生物发生发展的影响研究综述 张建新 钱锦霞 任慧龙等(458)
利用风险预测方法甄选农业气象灾害指标初探 侯双双 姜会飞 廖树华等(462)
气候变暖背景下河北省冬小麦冻害变化分析 代立芹 李春强 姚树然等(467)
石家庄地区夏季高温日数变化特征分析 阎访 车少静 岳艳霞等(472)
灰色 GM(1,1) 及其残差修正模型在不同程度春旱发生年份预测中的应用 吕学梅 张磊 李炳文等(479)

农业气象情报

- 2010 年春季气候对农业生产的影响 韩丽娟 侯英雨 钱拴等(484)

其 它

- 北京哈维斯廷公司仪器介绍(封二);《中国农业气象》征订启事(357);《植物遗传资源学报》征订启事(368);学会动态(430);《中国农业气象》征稿简则(486);基因有限公司仪器介绍(封底)

CONTENTS

| | |
|---|---------------------------------|
| Long Term Climate Numerical Simulation over China by Regional Climate Model PRECIS | WANG Fang-dong, et al. (327) |
| Difference Analysis on Climate Change in Huaihe Valley in Henan Province | SU Kun-hui, et al. (333) |
| Impacts of Climate Change on Phenophase of Two Species Migrants | YANG Li-hui, et al. (338) |
| Spatial-temporal Precipitation Variation over Jilin Province during 1960 – 2008 | ZENG Li-hong, et al. (344) |
| Effect of Climate Warming on Rice Growing Stages in Xinyang | XUE Chang-ying, et al. (353) |
| Dynamic Change of Farming Period in Shandong Province from 1961 to 2008 | WANG Jian-yuan, et al. (358) |
| Analysis on Climate Change in Minjiang Estuary Wetland | ZHANG Xing, et al. (364) |
| Restoration Evaluation of Bioactive Humic Substances on Desertified Soil in Xinjiang <i>Glycyrrhiza uralensis</i> Production Area | YU Jiang, et al. (369) |
| Temperature, Humidity and Salinity Dynamic of Stalinization Land and Its Agricultural Utilization in Hangjin Banner in Inner Mongolia | YANG Ze-long, et al. (374) |
| Effect of Different N/P Fertilizer Application on Rice Yield and N Use Efficiency in Irrigation Area of Ningxia | LI Qiao-zhen, et al. (379) |
| Climatic Distribution Indicators of Inner Mongolia Grassland Based on Holdridge Classification System | GONG Xiang-fu, et al. (384) |
| Variation Analysis on Pan Evaporation and It's Influence Factors in Jiangxi Province Last 46 Years | GU Ren-ying, et al. (388) |
| Effects of Solar UV-B Radiation on Antioxidase Activity in Tobacco Leaf | CHEN Zong-yu, et al. (395) |
| Situation and Countermeasures to Agro-meteorological Services on Controlled Environment Agriculture in China | GAO Hao, et al. (402) |
| Application of Heat Isolation Curtain for Thermal Release Controlling in Chinese Solar Greenhouse | WANG Shuo, et al. (407) |
| Effects of High Temperature Stress on Yield Components and Grain Quality during Heading Stage | XIE Xiao-jin, et al. (411) |
| Effect Assessment of Artificial Precipitation during Tobacco Transplanting Stage in Western Guizhou | CHI Zai-xiang, et al. (416) |
| Spatial and Temporal Variation of Soil Moisture in Irrigated Farmland | TAN Kai-yan, et al. (423) |
| Dynamic Prediction Method for Rice Yield Based on Influence Index for Bumper or Poor Harvest from Historic Yield in Heilongjiang Province | DU Chun-ying, et al. (427) |
| Impacts of Precipitation and Accumulated Temperature on Winter Wheat Yield in Tianjin | LIU Fang, et al. (431) |
| Photosynthetic Response to Light and CO ₂ of Two Tobacco Cultivars in Yuxi of Yunnan Province | ZHONG Chu, et al. (436) |
| Influence of Climate Change on Climate Potential Productivity in Yunnan | LI Meng, et al. (442) |
| MODIS-based Retrieval of Atmospheric Water Vapor Content in Northeast China | WU Jun-jie, et al. (447) |
| Feasibility Analysis for Acquiring Crop Harvest Index (HI) with Remote Sensing | DU Xin, et al. (453) |
| Review on Impacts of Meteorological Factors on Occurrence and Development of Forest Pests | ZHANG Jian-xin, et al. (458) |
| Agro-meteorology Disaster Index Selection Based on Risk Prediction Method | HOU Shuang-shuang, et al. (462) |
| Variation Analysis of Freezing Injury on Winter Wheat under Climate Warming in Hebei Province | DAI Li-qin, et al. (467) |
| Variation Analysis on High-temperature Days in Summer in Shijiazhuang | YAN Fang, et al. (472) |
| Application of Grey GM (1, 1) and Residual Correction Model in Prediction of Different Degree Spring Drought | LÜ Xue-mei, et al. (479) |