



全国中文核心期刊  
中国科技核心期刊  
中国科学引文数据库来源期刊

ISSN 1000-0852

CN 11-1814/P

# 水文

JOURNAL OF CHINA HYDROLOGY

## 2013

第33卷 第5期

VOL.33 No.5

中华人民共和国水利部 主管  
水利部水文局 主办

SHUI WEN

ISSN 1000-0852



9 771000 085137

万方数据

# JOURNAL OF CHINA HYDROLOGY

(Since 1956, Bimonthly)

Vol.33 No.5(Total No.197) Oct. 25, 2013

---

## CONTENTS

- Modeling of Water Quality in Beijing Reach of Yongdinghe River under High Strength Human Activities  
..... XIA Jun, HUNG Hoang Nghia, ZENG Sidong (1)
- A Tentative Discussion on Precision of Automatic Soil Moisture Monitoring  
..... WANG Guangsheng, YANG Jianqing, DENG Yingchun (7)
- Application of Artificial Neural Networks in Runoff Forecasting Based on Mean Linear Particle Swarm Optimization Method ..... DONG Xiaohua, LIU Chao, YU Dan, et al (10)
- Review on Hydrological Response to Urbanization at Home and Abroad  
..... ZHAO Anzhou, ZHU Xiufang, SHI Peijun, et al (16)
- Interpreting Development of Hydrologic Services Based on Hydrologic Statistics  
..... WEI Xinping, ZHANG Shuna (23)
- Monthly Variation of Nitrogen and Phosphorus Volume in Taihu Lake, China  
..... ZHAO Linlin, ZHU Guangwei, GU Zhao, et al (28)
- Response of Total Phosphorus Concentration to Water Diversion Allocation in West Lake  
..... ZHU Junzheng, HAN Zengcui (34)
- Study on Drinking Water Supply Mode in High-fluoride Groundwater Areas in Southwest Shandong Province  
..... HAO Qichen, SHI Jian, SU Chen, et al (39)
- Predicting Dissolved Oxygen in River Based on Grey LM-BP Network of Random Genetic Algorithm  
..... CUI Xuemei (46)
- Fuzzy Evaluation of Karst Water Vulnerability in Niangziguan Spring Area  
..... ZHAO Chunhong, LIANG Yongping, LU Haiping, et al (52)
- Comparative Analysis of Surface Runoff Hydrologic Dynamic Characteristics in Karst Mountainous Areas: Taking Yaji Experimental Station as Study Case ..... CHEN Guofu, JIANG Guanghui, ZHOU Wenliang, et al (58)
- Runoff Variation under Change Scenarios in Songhuaba Water Source Area of Kunming City  
..... WANG Jie, HUANG Ying, DUAN Qicai, et al (64)
- Analysis of Water Dynamic Characteristics of Modaomen Waterway during Dry Season  
..... FANG Shengguang, WANG Shaobo (70)
- Application of GPS Space Geodetic Control Network Technology in Hydrology Departments  
..... HUANG Yan (75)
- How to Unify Protocols for Hydrological Monitoring Data Transmission  
..... LIN Canyao, WU Hengqing, GAO Fanmin (81)
- How to Construct Hydrology Management System for Xinjiang Production and Construction Corps  
..... DU Deyan, LI Xiangyang, WANG Zhiyong (85)
- Characteristics of Runoff and Sediment Transport of Floods in Huangfuchuan Basin  
..... JIN Shuangyan, ZHU Shitong, ZHANG Zhiheng, et al (88)
- Analysis of Flood Forecasting at Zhutuo Hydrometry Station on Upper Yangtze River in 2012  
..... ZHANG Shiming, WANG Xiaofeng (92)

# 水 文

第33卷 第5期(总第197期) 2013年10月25日出版(双月刊)

## 目 次

### 理论研究

- 高强度人类活动影响下永定河北京段水质水量模拟 ..... 夏 军, Hung Hoang Nghia, 曾思栋(1)
- 关于土壤墒情自动监测精度的探讨 ..... 王光生, 杨建青, 邓英春(7)
- 基于平均线性粒子群算法的人工神经网络在径流预报中的应用  
..... 董晓华, 刘 超, 喻 丹, 李 磊, 吕志祥, 宋三红(10)
- 国内外城市化水文效应研究综述 ..... 赵安周, 朱秀芳, 史培军, 潘耀忠(16)

### 技术应用

- 从水文行业统计看水文事业发展 ..... 魏新平, 张淑娜(23)
- 太湖水体氮、磷赋存量的逐月变化规律研究 ..... 赵林林, 朱广伟, 顾 钊, 朱梦圆, 李 未, 秦伯强, 陈元芳(28)
- 西湖总磷浓度对引水配置布局的响应 ..... 朱军政, 韩曾萃(34)
- 鲁西南高氟区生活饮用水供水模式研究 ..... 郝奇琛, 石 建, 苏 晨, 姜 山, 邵景力, 万 森(39)
- 基于灰色遗传算法的 LM-BP 的河流溶解氧预测 ..... 崔雪梅(46)
- 娘子关泉域岩溶水脆弱性模糊综合评价 ..... 赵春红, 梁永平, 卢海平, 王维泰(52)
- 岩溶石山区山坡表层径流水文动态特征对比分析——以桂林丫吉试验场为例  
..... 陈国富, 姜光辉, 周文亮, 王开然(58)
- 变化情景下昆明市松华坝水源区径流变化研究 ..... 王 杰, 黄 英, 段琪彩, 刘新有(64)
- 磨刀门水道枯季水动力特性分析 ..... 方神光, 王少波(70)
- GPS 空间大地控制网技术在水文行业中的应用 ..... 黄 岩(75)
- 统一水文监测数据传输规约探讨 ..... 林灿尧, 吴恒清, 高繁民(81)
- 构建新疆兵团水文业务管理体系的思路和建议 ..... 杜得彦, 李向阳, 王志勇(85)

### 区域水文

- 皇甫川流域次洪水沙特征值变化特点 ..... 金双彦, 朱世同, 张志恒, 梁 霄, 罗 琳(88)
- 2012 年长江上游朱沱水文站特大洪水预报分析 ..... 张世明, 王晓凤(92)