

ISSN 1002-0624

东北水利水电

Water Resources & Hydropower of Northeast China



DRSISD

2017/NO. 5

- 石龙水电站混凝土重力坝设计
- 城市河流综合治理与工程实践
- 用参量阵声纳技术探测水下浅地层淤积

□ 水利部松辽水利委员会 主办

东北水利水电

DONGBEI
SHUILI SHUIDIAN
(月刊)

2017年第5期
5月15日出版
(第35卷总第394期)
1983年创刊

全国优秀科技期刊
中国学术期刊(光盘版)全文收录期刊
中文科技期刊数据库全文收录期刊
万方数据库全文收录期刊
超星期刊域出版平台

主管单位 中华人民共和国水利部
主办单位 水利部松辽水利委员会
编辑出版 《东北水利水电》杂志社
编委会主任 党连文
社 长 赵玉江
主 编 林淀翔
副 主 编 任海霞 师福东
责任编辑 师福东
地 址 长春市解放大路4188号
邮 政 编 码 130021
电 话 0431-85607758
邮 箱 dbstd@slwr.gov.cn
刊 号 ISSN 1002-0624
CN 22-1097/TV
印 刷 长春祥泰彩色印刷厂
订 阅 全国各地邮局
定 价 4.60元

广告经营许可证:
吉林省工商广字第01091号

目 次

规划设计

- 石龙水电站混凝土重力坝设计·····谭志军,郑军,傅迪(1)
年楚河干流堤防整治工程设计方案优选·····王建众,刘国印,李璨(3)
辽宁省中小河流治理模式探析·····郭谨(6)
辽宁杨柳河唐家房段河道治理分析·····贾皓翔,黄为(9)
生态环保型壅水坝导流工程设计·····熊玲,于森,程振,韩闯(11)
输水工程TBM洞开挖设计方案·····王红霞(13)

工程施工

- 城市河流综合治理与工程实践·····曲磊(15)
隧洞衬砌混凝土质量通病分析与应对措施·····贺杰(17)
河床式发电厂房墙体渗漏处理·····刘亮(20)

水文水资源

- 利用模型预测地下水埋深的动态·····孙晓蕾(22)
辽河(铁岭段)水文情势演变规律研究·····李敬库,梁凤利(25)
辽宁中小河流致洪暴雨时空分布特征分析·····刘启和(29)
山洪灾害预警指标分析·····王庆花,张宏伟(31)
富尔江引水工程受水区水量配置分析·····杨月(34)
雨雪量计误差及优缺点分析·····李剑辉(36)
预测示差流速仪法测定河道流速·····沈燕峰(38)

水利科研

- 嫩江大桥动床河工模型试验研究·····张正波(39)
膨胀剂对水泥砂浆收缩性能影响的研究·····刘锦程,苑海龙,崔志刚,赵兵(41)

水生态环境

- 硅藻指数对浑河水生态健康的评价·····田英(44)
模糊数学评价法在蒲河水环境评价中的应用·····何雨曦,吕宝阔(48)
长春市水土流失现状及防治对策·····张晓卫(50)
沈阳细河河道生态治理实践·····查曼丽(52)
监测水质样品采集探析·····侯继萍(55)

勘探与测量

- 用参量阵声纳技术探测水下浅地层淤积·····李思辰,黄为,崔双利(57)

工程建设与管理

- 需水量变化的供水库群联合调度研究·····李文生,徐博(59)
隧洞出口控制闸门运行分析·····李瑞涛(63)
库区排沙减淤调度研究与实践·····刘扬扬,张磊,高宇(65)

水利信息化

- 报警平台在智能水电厂中的应用·····陶珏辉,王胜凯,胡鸣东(67)

专题研究

- 农村水利工程管理体制深化改革探析·····梁立章(69)

封底:大兴安岭原生态 张旭摄

CONTENTS

Planning and design

Design of concrete gravity dam for Shilong hydropower station.....TAN Zhi-jun, ZHENG Jun, FU Di(1)
Design scheme optimization of dike regulation project for main stream of Nianchuhe river
.....WANG Jian-zhong, LIU Guo-yin, LI Can(3)
Discussion on regulation mode of medium and small rivers in Liaoning Province.....GUO Jin(6)
Analysis of river regulation for Tangjiafang section of Yangliuhe river in Liaoning Province.....JIA Hao-xiang, HUANG Wei(9)
Design of division project of backwater dam with ecological and environmental protection type
.....XIONG Ling, Yu Miao, CHENG Zhen, HAN Chuang(11)
Scheme design of TBM excavation for tunnel of water conveyance project.....WANG Hong-xia(13)

Project construction

Comprehensive regulation and project practice of urban rivers.....QU Lei(15)
Common faults and treatment measures for quality of tunnel lining concrete.....HE Jie(17)
Wall seepage treatment of riverbed power station house.....LIU Liang(20)

Hydrology and water resources

Dynamic prediction of groundwater buried depth by using model.....SUN Xiao-lei(22)
Study on evolution laws of hydrologic regime in Tieling section of Liaohe river.....LI Jing-ku, LIANG Feng-li(25)
Analysis of spatial-temporal distribution characteristics of flood-causing rainstorm for medium and small rivers in Liaoning Province
.....LIU Qi-he(29)
Analysis of warning indexes for mountain torrent disaster.....WANG Qing-hua, ZHANG Hong-wei(31)
Analysis of water allocation for water supply area of Fuerjiang water division project.....YANG Yue(34)
Analysis of error and advantage and disadvantage for rain and snow gauge.....LI Jian-hui(36)
Determination of channel velocity by using prediction difference velocity instrument method.....SHEN Yan-feng(38)

Hydraulic study

Test study on river model with moveable bed material for Nenjiang Bridge.....ZHANG Zheng-bo(39)
Influence study of swelling agent on shrinkage performance of cement mortar
.....LIU Jin-cheng, YUAN Hai-long, CUI Zhi-gang, ZHAO Bing(41)

Water ecological environment

Evaluation of water ecological health of Hunhe river by using diatom index.....TIAN Ying(44)
Application of fuzzy mathematics evaluation method in water environment evaluation of Puhe river
.....HE Yu-xi, LYU Bao-kuo(48)
Present and countermeasure of soil and water loss in Changchun City.....ZHANG Xiao-wei(50)
Practice of river ecological treatment for Xihe river in Shenyang.....ZHA Man-li(52)
Discussion on water quality monitoring sample collection.....HOU Ji-ping(55)

Exploration and measurement

Detection of underwater shallow layer sedimentation by using parametric array sonar technique
.....LI Si-chen, HUANG Wei, CUI Shuang-li(57)

Project construction and management

Study on joint operation for water supply reservoir group with changing water demand.....LI Wen-sheng, XU Bo(59)
Operation analysis of control gate for tunnel outlet.....LI Rui-tao(63)
Study and practice of sand sedimentation reduction operation in reservoir.....LIU Yang-yang, ZHANG Lei, GAO Yu(65)

Water information

Application of warning platform in intelligent hydropower plant.....TAO Jue-hui, WANG Sheng-kai, HU Ming-dong(67)

Monographic study

Discussion on management system reformation of rural water conservancy project.....LIANG Li-zhang(69)

SAPONSOR

Song-Liao Water Resources Commission
Ministry of Water Resources, P.R.China

ADDRESS

4188Jiefang Road Changchun, P.R.China

CODE NO.

ISSN 1002-0624

CN 22-1097/TV

万方数据 (0431)85607758

EDITOR AND PUBLISHER

Magazine Office of 《Water Resources
and Hydropower of Northeast China》

EDITOR IN CHIEF

LIN Dian-xiang

POST CODE 130021

E-mail

dbsd@slwr.gov.cn