

东北水利水电

Water Resources & Hydropower of Northeast China



2013 NO. 11

- 辽宁电网抽水蓄能电站需求空间分析
- 大藤峡水利枢纽坝区征地移民安置规划略述
- 西辽河流域平原区植被与降水及地下水埋深的关系

□ 水利部松辽水利委员会 主办

CONTENTS

Planning and design

Demand space analysis of pumped storage power station for Liaoning power network	HU Liang, FAN Xiang-chuan, WANG Na, SHI Liang-liang, FAN Shi-yun(1)
Summary of land requisition and resident relocation plan for dam area of Datengxia hydro-junction	WANG Jin-bo, WANG Pei-ran(3)
Discussion on rated head selection for large and medium hydropower station	QIN Shou-tian(6)
River closure design of dam construction for Shuanggou hydropower station	WANG He, SHI Guang-yu, JI Shi-dao, LIU Qun-hui, HUANG Yuan-ze(9)
Study on leakage sealing of diversion steel pipe of Shuanggou diversion tunnel	ZHANG Dian-shuang, FU Xin, WANG Chao, ZHENG Jun(12)
Metal structure design of spillway tunnel inlet for Pangduo hydro-junction	XIE Zhen-feng, ZHANG Chun-feng(14)
Analysis of Wendegen reservoir scale for water diversion project from Chaoerhe river to Xiliaohe river	FAN Xiang-chuan, ZHANG Yan-dong, TAO Xiao-lei, WANG Na(16)
Water drainage system design for extension project of Yantan hydropower station	WU Xiao-fang(18)
Support reinforcement design of rear slope for powerhouse of Nongling hydropower station	LU Yong-rong(20)
Layout and design of embankment regulation project	SHI Xiao-dong(22)
Application of soft rock dam material in concrete face rockfill dam	ZHENG Yi-fang(24)

Project construction

Seepage treatment of auxiliary dam at right bank of Xiaoyunseng hydropower station	JI Shi-dao, XIA Hui, JIA Zhi-gang, DU Wen-cai(26)
Bent reinforcement of first phase powerhouse for Fengman hydropower plant	HE Chang-li, ZHANG Dian-shuang, ZHANG Xiao-tao, CAO Ya-ru(28)
Application of dual-rail transportation slide way in high slope anchor cable project	GAO Shu-qing(31)
Repair and transformation of radial gate of Shenwo reservoir	SUI Li-jun(34)
Steel form jumbo installation and operation quality control in tailrace tunnel of Guandi hydropower station	CHEN Xu(36)

Hydrology and water resources

Relationship among vegetation and precipitation and groundwater depth in plain area of Xiliaohe river basin	CHEN Zhi-jun, YIN Xiong-rui, JI Ye-fei, ZHONG Jian-hua(39)
Test study on phreatic evaporation in Liaoning area	CHEN Sheng-li, WANG Dong-mei, LI Peng-jun(42)
Study on inflow sediment amount and sedimentation amount for Fengman reservoir	MA Chang-xin, CAO Kun, LI Xiang-chen, FAN Shi-yun(45)
Measurement analysis of check gate discharge in beijumahe river of middle route of South-to-North Water Diversion	LI You-cai, CHEN Hai-jiang, CHEN Wei(47)
Analysis of 11.9 flood characteristics for Yihe river with lower reaches of Yellow river	LI Qi-gao, YUN Hui-cai, ZHANG Zhen-yong(49)
Feasibility analysis of the hydrological survey in Panjin city	ZHAO Lian-xue(51)

Hydraulic study

Discussion on crush index value of gneissose granite aggregate	REN Yong-yi, WANG Shu-yi(53)
--	------------------------------

Flood control and drought relief

Discussion on determination method of drought control water level for fosi reservoir	ZHENG Jian-guo, ZHANG Xiu-hong(56)
--	------------------------------------

Water ecological environment

Analysis of biological assessment method in deep-water river	GAO Feng, ZHANG Jing-bo, ZHENG Guo-chen, WU Dong-fang, DAI Xin(57)
--	--

Project construction and management

Application of nuclear method in quality detection of dam filling and compaction	WANG Jia-jun, LI Bo, TAN Yan-bing(61)
Analysis of observation data for dam safety operation of Dahuofang reservoir	YU Wei-dong(63)

Water economy

Study on compensation scheme of land requisition for construction of Datengxia hydro-junction	WANG Dao-bing, DAI Hao, PAN Da-bin(65)
---	--

Factor analysis of reservoir resident relocation work	ZHANG Yan-feng(68)
---	--------------------

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

TEL.(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

东北水利水电

DONGBEI

SHUILI SHUIDIAN

(月刊)

2013年第11期

11月15日出版

(第31卷总第352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

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 dbsd@slwr.gov.cn

刊 号 ISSN 1002-0624

印 刷 长春工程学院印刷厂

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

辽宁电网抽水蓄能电站需求空间分析

.....胡亮,樊祥船,王娜,石亮亮,范世运(1)

大藤峡水利枢纽坝区征地移民安置规划略述.....王金波,王沛然(3)

大中型水电站额定水头选择探讨.....秦守田(6)

双沟水电站大坝施工截流设计.....王鹤,史光宇,吉士道,刘群辉,黄远泽(9)

双沟导流洞引水钢管泄漏封堵研究.....张殿双,付欣,王超,郑军(12)

旁多水利枢纽泄洪洞进口金属结构设计.....谢振峰,张春丰(14)

引绰济辽工程文得根水库规模分析.....樊祥船,张彦东,陶晓磊,王娜(16)

岩滩水电站扩建工程排水系统设计.....伍晓芳(18)

云南弄另水电站厂房后边坡支护加固设计.....陆雍容(20)

堤防整治工程的布置及设计.....师晓东(22)

软岩筑坝料在面板堆石坝中的利用.....郑奕芳(24)

工程施工

小云峰水电站右岸副坝渗水处理.....吉士道,夏辉,贾志刚,杜文才(26)

丰满发电厂一期厂房排架加固.....何长利,张殿双,张小涛,高亚茹(28)

双轨运输滑道在高边坡锚索工程中的运用.....高淑晴(31)

参窝水库弧形闸门底坎边导板修补改造.....隋丽君(34)

电站尾水洞钢模台车安装与运行质量控制.....陈旭(36)

水文水资源

西辽河流域平原区植被与降水及地下水埋深的关系

.....陈志云,尹雄锐,季叶飞,钟建华(39)

辽宁地区潜水蒸发规律试验研究.....陈胜利,王冬梅,李朋军(42)

丰满水库入库沙量及淤积量研究.....麻长信,曹琨,李相臣,范世运(45)

南水北调中线北拒马河节制闸流量测验分析.....李有才,陈海江,陈卫(47)

黄河下游伊河“11.9”洪水特性分析.....李启高,云会才,张振勇(49)

盘锦市实行水文巡测的可行性分析.....赵连学(51)

水利科研

片麻岩骨料压碎指标值的探讨.....任永义,王树义(53)

防汛与抗旱

佛寺水库旱限水位确定方法的探讨.....郑建国,张秀红(56)

水生态环境

深水型河流生物评价方法分析.....高峰,张静波,郑国臣,吴东芳,戴欣(57)

工程建设与管理

核子法检测大坝填筑压实质量的应用.....王佳俊,李博,谭艳兵(61)

大伙房水库大坝安全运行观测资料分析.....于卫东(63)

水利经济

大藤峡水利枢纽建设征地补偿方案研究.....王道兵,戴昊,潘大斌(65)

水库移民安置工作要素分析.....臧岩峰(68)

封底:黑河西沟电站上游风光

张旭 摄