

刊 号: ISSN 2096-4676
CN42-1896/F
邮发代号: 38-463

长江技术经济

TECHNOLOGY AND ECONOMY OF CHANGJIANG

长江技术经济

第七卷
第四期

二〇二三年八月



水利部长江水利委员会 主管
长江委宣传出版中心 主办
长江技术经济学会

《中文科技期刊数据库》全文收录
《中国核心期刊(遴选)数据库》收录
《万方数据—数字化期刊群》全文收录
《中国学术期刊网络出版总库》及CNKI系列数据库全文收录
龙源期刊网全文收录
超星期刊域出版平台全文收录
网址: www.cjxh.org.cn

ISSN 2096-4676



2023.4
双月刊 总第29期

C 目次

CONTENTS

◆ 特稿

Special Contribution

- 01 充分发挥长江水利委员会在长江流域协调机制中的支撑保障作用 马建华
Support and Safeguard the Coordination Mechanism of Yangtze River Basin by Changjiang Water Resources
Commission MA Jianhua

◆ 交通运输

Road and Waterway Transportation

- 06 新发展阶段推进长江航运高质量发展的路径探究 刘均卫, 程 稳, 刘 涛
Strategic Path of High-quality Development of Yangtze River Shipping in the New Stage of Development
LIU Junwei, CHENG Wen, LIU Tao

◆ 防灾减灾

Disaster Prevention and Mitigation

- 16 金沙江下游流域旱涝特性分析 刘 熙, 黄钰凯
Drought and Flood Characteristics in the Lower Jinsha River Basin LIU Xi, HUANG Yukai
- 22 基于相对指标的衡邵娄干旱走廊抗旱能力评价研究 谭 军, 赵伟明, 杨 扬, 盛 东, 申鸿哲
Evaluation of Regional Drought Resistance of Hengyang-Shaoyang-Loudi Arid Corridor Based on Relative
Indicators TAN Jun, ZHAO Weiming, YANG Yang, SHENG Dong, SHEN Hongzhe

◆ 科普研究

Science Popularization Research

- 32 企业科技资源科普化的探讨 陈 昂
Popularizing Science and Technology Resources in Enterprises CHEN Ang

◆ 社会经济

Society and Economy

- 39 湖北长江经济带化工园区现状及其发展探讨 张 瑞, 文 俊, 苗 变, 张臻悦, 刘生鹏
Present Situation and Development of Chemical Industry Parks in Yangtze River Economic Belt in Hubei Province
ZHANG Rui, WEN Jun, MIAO Bian, ZHANG Zhenyue, LIU Shengpeng
- 44 “一带一路”背景下中国对外公共投资的风险评估研究 王 鹏, 郑铿城, 钟昌标, 曾光辉
Risk Assessment of China's Outbound Public Investment under the Background of Belt and Road Initiative
WANG Peng, ZHENG Kengcheng, ZHONG Changbiao, ZENG Guanghui
- 51 国家级贫困县脱贫时序特征及旅游资源优势度研究——以江西省为例 陈丹阳, 李孜沫
Chronological Analysis of Poverty Alleviation and Dominance of Tourism Resources in National-level Poverty-
stricken Counties: A Case Study on Jiangxi Province CHEN Danyang, LI Zimo

◆ 生态环境

Ecological Environment

- 59 近 20 a 衡邵娄干旱走廊土地利用 / 覆被与生态环境状况变化研究

张 沛, 陈 吟, 赵伟明, 邓晓雅, 盛 东, 王燕云

Changes of Land Use and Cover and Ecological Environment in the Arid Corridor of Hengyang-Shaoyang-Loudi from 2000 to 2020 ZHANG Pei, CHEN Yin, ZHAO Weiming, DENG Xiaoya, SHENG Dong, WANG Yanyun

- 66 超大城市环境卫生设施规划建设与管理的经验启示

梅子凡, 李海军, 王 芳, 魏 文, 谢文刚, 龙思杰

Experiences and Inspirations of Planning, Construction and Management of Sanitation Facilities in Megacities

MEI Zifan, LI Haijun, WANG Fang, WEI Wen, XIE Wengang, LONG Sijie

◆ 建设管理

Project Construction and Management

- 72 考虑北总干渠灌区取水后的溪洛渡、向家坝水库联合消落调度优化研究

苗科举, 孙 莉

An Optimization of Joint Drawdown Scheduling of Xiluodu and Xiangjiaba Reservoirs Considering Water Withdrawal into the North Main Canal Irrigation District MIAO Keju, SUN Li

◆ 河湖管理

River-lake Protection and Regulation

- 77 城陵矶综合枢纽工程研究进展与展望

卢 毅, 伍 慧, 陈 强

Progress and Prospect of Research on Chenglingji Comprehensive Hub Project LU Yi, WU Hui, CHEN Qiang

- 83 长江流域河湖长制实践过程中的不足与完善——以《长江保护法》为指引

邓昆鹏, 邓恬艺, 陈 欢

Deficiencies and Improvements in the Practice of River and Lake Chief System in Yangtze River Basin Guided by the Yangtze River Protection Law DENG Kunpeng, DENG Tianyi, CHEN Huan

- 88 河长制在水环境治理中的作用探讨

吴小兰, 尹 刚

Exploring the Role of River Chief System in Water Environmental Governance

WU Xiaolan, YIN Gang

◆ 工程技术

Engineering Technology

- 93 大坝混凝土碱骨料反应研究进展综述

李文伟, 蒋文广, 石 妍, 刘兆麟, 李家正

A Review of Research Progress on Alkali-Aggregate Reaction in Dam Concrete

LI Wenwei, JIANG Wenguang, SHI Yan, LIU Zhaolin, LI Jiazheng

- 100 某枢纽工程表孔坝段温控仿真分析及温控措施研究

任海平, 崔建华, 田龙斌, 张 伟

Temperature Control of Dam Concrete at Surface Sluice of a Hydropower Station: Simulation and Measures

REN Haiping, CUI Jianhua, TIAN Longbin, ZHANG Wei

- 106 概率量化岩土各向异性对边坡稳定性的影响

齐 磊, 丁亚楠

Probabilistically Quantifying the Effect of Geotechnical Anisotropy on Slope Stability

QI Lei, DING Ya'nan

- 112 视觉测流技术在中小河流洪水流量监测中的应用研究

黄 河, 邓 山

Application of Visual Flow Measurement Technology in Flood Discharge Monitoring of Small and Medium Rivers HUANG He, DENG Shan

- 118 浅析大数据在某水电站中的应用

王志军, 胡俊杰

Application of Big Data to a Hydropower Station

WANG Zhijun, HU Junjie

- 122 一种水轮发电机定子槽楔更换优化方法

易 强, 肖智斌

An Optimization Method for Replacing the Stator Slot Wedge of Hydrogenerators

YI Qiang, XIAO Zhibin

