

# 水 利 学 报

SHUILI XUEBAO

第 55 卷 2024 年 第 11 期(月刊)

## 目 次

超深软土地基大功率振冲加固技术参数分析与研究	陈祖煜 胡明涛 魏永新 田应辉 赵宇飞 胡敏云(1271)
基于入库洪水识别模型的洪水资源利用潜力评估	黄婧 谭超 陈晓宏 李继清 邱静(1286)
极端天气城市特大暴雨洪涝灾害特征再分析及应对策略	苑希民 兰卓青 王丽娜 田福昌(1298)
沿海城市复合洪涝模拟物理模型研究	徐奎 庄云超 马超 练继建(1309)
基于运动学震源的察隅 Mw8.6 级地震动模拟	钟菊芳 胡祎石 张艳红 胡晓(1319)
基于 AI 图像识别的床面形态特征参数和迁移速度分析	张凌峰 刘春晶 曹文洪 江肖鹏 张宇(1333)
基于 DQN 算法的水电站站内负荷优化分配研究	谭乔凤 宋嘉伟 闻昕 曾宇轩 王浩(1345)
混流式水轮机发电转空载工况转轮特性研究	毛秀丽 陈星锟 尹进步 苟文涛 刘志明 何军龄(1356)
膨胀土岸坡健康在线评估与修复平台构建与应用	闫福根 王汉辉 马瑞 刘成堃 钟坤 郭建华(1366)
随钻监测数据预处理方法研究	肖浩汉 曹瑞琅 王玉杰 赵宇飞 孙彦鹏(1379)
考虑坝基防渗体渗透溶蚀效应的特高土心墙堆石坝服役年限可靠性分析	赵邵峰 徐力群 张宏伟 沈振中 刘得潭 甘磊(1391)
基于毫米波雷达和相机融合的无人碾压机施工障碍物快速精准感知方法	关世伟 李志 王佳俊 余佳 张君 余红玲(1404)

# JOURNAL OF HYDRAULIC ENGINEERING

Vol . 55 No . 11 2024

( Monthly )

## CONTENTS

Analysis and research on technical parameters of high-power vibro-vibration reinforcement for ultra-deep soft soil foundation .....	CHEN Zuyu HU Mingtao WEI Yongxin TIAN Yinghui ZHAO Yufei HU Minyun(1271)
Evaluation of flood resource utilization potential based on identification model for inflow flood .....	HUANG Jing TAN Chao CHEN Xiaohong LI Jiqing QIU Jing(1286)
Reanalysis of the characteristics of extreme rainstorm and flood disaster in urban areas and coping countermeasures .....	YUAN Ximin LAN Zhuoqing WANG Lina TIAN Fuchang(1298)
Physical modeling of compound flooding simulation in coastal cities .....	XU Kui ZHUANG Yunchao MA Chao LIAN Jijian(1309)
Simulation of Chayu Mw8.6 ground motion based on kinematic source .....	ZHONG Jufang HU Yishi ZHANG Yanhong HU Xiao(1319)
Analysis of bed morphological feature parameters and migration velocity based on AI image recognition .....	ZHANG Lingfeng LIU Chunjing CAO Wenhong JIANG Xiaopeng ZHANG Yu(1333)
Research on optimal load allocation in hydropower station based on DQN algorithm .....	TAN Qiaofeng SONG Jiawei WEN Xin ZENG Yuxuan WANG Hao(1345)
Research on the runner characteristics of Francis-turbine under power generation to no-load condition .....	MAO Xiuli CHEN Xingkun YIN Jinbu GOU Wentao LIU Zhiming HE Junling(1356)
Construction and application of an online health assessment and restoration platform for expansive soil bank slopes .....	YAN Fugen WANG Hanhui MA Rui LIU Chengkun ZHONG Kun GUO Jianhua(1366)
Research on preprocessing methods for monitoring drilling data .....	XIAO Haohan CAO Ruilang WANG Yujie ZHAO Yufei SUN Yanpeng(1379)
Reliability analysis of service life for ultra-high core-wall rockfill dam considering the seepage-dissolution effect of dam foundation impervious structure .....	ZHAO Shaofeng XU Liqun ZHANG Hongwei SHEN Zhenzhong LIU Detan GAN Lei(1391)
A rapid and accurate obstacle perception method for unmanned roller in construction based on millimeter-wave radar and camera fusion .....	GUAN Shiwei LI Zhi WANG Jiajun YU Jia ZHANG Jun YU Hongling(1404)