

全国中文核心期刊
中国科技核心期刊
RCCSE 中国核心学术期刊

ISSN 1009-640X
CODEN SSGXAH

水利水电工程学报

HYDRO-SCIENCE AND ENGINEERING

6

2020



水利部
交通运输部
国家能源局

南京水利科学研究院
NANJING HYDRAULIC RESEARCH INSTITUTE

水 利 水 运 工 程 学 报

(双月刊)

2020 年 12 月

第 6 期(总第 184 期)

目 次

- 梅花形阵列粗糙床面明渠紊流特性····· 钟 亮,葛晨曦,孙建云(1)
- 基于梅雨监测指标的安徽江淮地区梅雨过程识别····· 吕周平,周玉良,金菊良,宁少尉,崔 毅,吴成国(9)
- 熵权模糊集对分析法在溪洛渡水库汛期分期中的应用····· 刘浅奎,王文圣,余思怡,王 宁(16)
- 近 55 年京津冀地区降水多尺度分析 ····· 路 洁,刘 晶,刘明阳,曹永强,李玲慧,宁 月(23)
- 水库泄水总溶解气体过饱和对鱼类的危害····· 曾晨军,莫康乐,关铁生,陈求稳,李 婷,张 辉(32)
- 非淹没双直立圆柱系统波浪爬升的数值模拟····· 陈浩民,倪云林(42)
- 不同卸荷速率下岩石强度变形特性····· 钱亚俊,武颖利,裴伟伟,朱玥妍(48)
- 配筋率对混凝土 I - II 复合型断裂过程声发射特征的影响 ····· 巩妮娜,胡少伟,范向前,蔡小宁(55)
- 库区滑坡涌浪三维数值模拟分析····· 邓成进,党发宁,陈兴周,袁秋霜,陈莉丽(64)
- 复杂双面边坡整体稳定性分析····· 潘 池,李 颀(72)
- 含充填节理岩体中应力波传播规律的三维模拟····· 丁英勋,王志亮,黄佑鹏(80)
- 水泥固化锌污染土压缩特性影响因素分析····· 戴元志,冯中华,范成文(89)
- EHP 工法桩强度性状试验研究 ····· 杜旭青,翁佳兴,别学清,宋苗苗,邱成春,李 辉(94)
- 考虑倾角的土质边坡 Green-Ampt 改进入渗模型 ····· 雷文凯,董宏源,陈 攀,吕海波,梅国雄(101)
- 考虑土体强度空间变异性的单桩水平承载力研究····· 韩吉伟,刘晓明,杨月红,黎 冰,鲍安琪(108)
- 水围压下粉煤灰混凝土的含水量及动态力学性能研究····· 梁 甲,王乾峰,张修文,肖 洋(115)
- 规则波对大直径群桩作用的数值模拟研究····· 干桂轩,孙 亮,岳 磊,韩松林(121)

HYDRO-SCIENCE AND ENGINEERING

(Bimonthly)

Dec. 2020

No. 6 (Total No. 184)

CONTENTS

Turbulence characteristics in open channel with glass-sphere quincunx arrays	
.....	<i>ZHONG Liang, GE Chenxi, SUN Jianyun</i> (1)
Meiyu identification of Yangtze-Huaihe region in Anhui province based on Meiyu monitoring indices	
.....	<i>ZHOU Ping, ZHOU Yuliang, JIN Juliang, NING Shaowei, CUI Yi, WU Chengguo</i> (9)
Application of fuzzy set pair analysis method based on entropy weight in flood season staging of Xiluodu Reservoir	
.....	<i>LIU Qiankui, WANG Wensheng, YU Siyi, WANG Ning</i> (16)
Multi-scale analysis of precipitation in the Beijing-Tianjin-Hebei urban agglomeration in the past 55 years	
.....	<i>LU Jie, LIU Jing, LIU Mingyang, CAO Yongqiang, LI Linghui, NING Yue</i> (23)
Effect of total dissolved gas supersaturation on fish in the reservoir between cascade hydropower stations	
.....	<i>ZENG Chenjun, MO Kangle, GUAN Tiesheng, CHEN Qiuwen, LI Ting, ZHANG Hui</i> (32)
Numerical analysis of wave run-up characteristics on dual non-submerged vertical cylinders system	
.....	<i>CHEN Haomin, NI Yunlin</i> (42)
Rock strength and deformation characteristics under different unloading rates	
.....	<i>QIAN Yajun, WU Yingli, PEI Weiwei, ZHU Yueyan</i> (48)
Effect of reinforcement ratio on acoustic emission characteristics during I - II mixed-mode fracture process of concrete	
.....	<i>GONG Nina, HU Shaowei, FAN Xiangqian, CAI Xiaoning</i> (55)
Three-dimensional numerical simulation analysis of landslide surge in reservoir area	
.....	<i>DENG Chengjin, DANG Faning, CHEN Xinzhou, YUAN Qiushuang, CHEN Lili</i> (64)
Stability analysis of complex double-sided slope	
.....	<i>PAN Chi, LI Sa</i> (72)
3D simulation of stress wave propagation in jointed rock mass with filling joint	
.....	<i>DING Yingxun, WANG Zhiliang, HUANG Youpeng</i> (80)
Analysis of the influence factors on the compressive properties of cement solidified zinc contaminated soils	
.....	<i>DAI Yuanzhi, FENG Zhonghua, FAN Chengwen</i> (89)
Experimental study on the strength behavior of EHP	
.....	<i>DU Xuqing, WENG Jiaying, BIE Xueqing, SONG Miaomiao, QIU Chengchun, LI Hui</i> (94)
Improved Green-Ampt infiltration model of soil slope considering inclination	
.....	<i>LEI Wenkai, DONG Hongyuan, CHEN Pan, LÜ Haibo, MEI Guoxiong</i> (101)
Study on the horizontal bearing capacity of single pile foundation considering spatial variability of soil strength	
.....	<i>HAN Jiwei, LIU Xiaoming, YANG Yuehong, LI Bing, BAO Anqi</i> (108)
Study on water content and dynamic mechanical properties of fly ash concrete under water confining pressure	
.....	<i>LIANG Jia, WANG Qianfeng, ZHANG Xiuwen, XIAO Yang</i> (115)
Numerical simulations of the group effect of large-diameter columns in regular waves	
.....	<i>GAN Guixuan, SUN Liang, YUE Lei, HAN Songlin</i> (121)