

# 水 利 水 运 工 程 学 报

(双月刊)

2012年10月

第5期(总第135期)

## 目 次

- 考虑绕射效应的沿堤波浪力波动分析 ..... 蒋学炼, 马青山, 李珊珊, 李炎保(1)
- 设计流量推求中特大值判断方法的改进 ..... 黄伟昊, 左利钦, 李寿千, 盖永伟(8)
- 水泥土渗透系数随围压变化的试验研究 ..... 袁荣宏, 白 杰, 吴桂芬(13)
- 洋口港 LNG 码头栈桥沿程桩基局部冲刷分析 ..... 曾成杰, 陆培东, 王艳红, 陈可峰(18)
- 长江口悬沙有效沉速时空变化规律 ..... 杨云平, 李义天, 王 冬, 韩剑桥(24)
- 察汗乌苏面板坝监测资料分析 ..... 李 为, 苗 喆(30)
- 划子口河闸弧形钢闸门三维有限元分析与安全评估 ..... 奚肖亚, 刘海祥, 叶小强, 柯敏勇(36)
- 桶式基础结构稳定性试验研究 ..... 李 武, 吴青松, 陈 甦, 程泽坤(42)
- 甬江洪枯季水沙特性分析 ..... 陈 珺, 嵇 敏, 张洪记, 严文武, 唐洪武(48)
- 乌江郭母子至狮子口滩群河段碍航特性与整治 ..... 赵志舟, 景晓菊, 赵世强, 张晓明, 赵 健(55)
- 海积相土地地区生态型护岸结构研究 ..... 陈一梅, 宋绍华, 马 骏(62)
- 三峡库区泥沙分布规律初探 ..... 毛红梅, 刘少华, 周海燕(67)
- 基于内河航道等级比较的长江航运发展分析 ..... 刘 涛, 罗胜平(72)
- 潮流作用下潮汐汊道稳定关系及试验研究 ..... 张 磊(78)
- 桩基挡板式透空堤透浪系数计算及试验研究 ..... 陈德春, 茆福文, 沈丽宁, 殷福安(83)
- 南京水利科学研究院重大成果介绍**
- “风暴潮对港口水陆域及航道安全影响研究”成果简介 ..... (88)

# HYDRO-SCIENCE AND ENGINEERING

( Bimonthly )

Oct. 2012

No. 5 ( Total No. 135 )

## CONTENTS

Undulation analysis of wave force along breakwater considering wave diffraction .....	<i>JIANG Xue-lian, MA Qing-shan, LI Shan-shan, LI Yan-bao</i> (1)
An improvement in judging the extraordinary value of flood frequency ( design flood discharge ) analysis .....	<i>HUANG Wei-hao, ZUO Li-qin, LI Shou-qian, GE Yong-wei</i> (8)
Test study on soil-cement permeability coefficient change with confining pressure of a flexible wall permeameter .....	<i>YUAN Rong-hong, BAI Jie, WU Gui-fen</i> (13)
Research on local scour around the trestle piers of LNG station at Yangkou port .....	<i>ZENG Cheng-jie, LU Pei-dong, WANG Yan-hong, CHEN Ke-feng</i> (18)
Space-time variation in effective settling velocity of suspended sediment in Yangtze River estuary .....	<i>YANG Yun-ping, LI Yi-tian, WANG Dong, HAN Jian-qiao</i> (24)
Stress and deformation analysis of Chahanwusu concrete face rockfill dam ( CFRD ) based on monitoring data .....	<i>LI Wei, MIAO Zhe</i> (30)
Three dimensional finite element analysis and reliability of radial steel gate for Huazikou River sluice .....	<i>XI Xiao-ya, LIU Hai-xiang, YE Xiao-qiang, KE Min-yong</i> (36)
Stability tests of bucket-based structure .....	<i>LI Wu, WU Qing-song, CHEN Su, CHENG Ze-kun</i> (42)
Analysis of water and sediment characteristics during flood and low water period of Yong River .....	<i>CHEN Jun, JI Min, ZHANG Hong-ji, YAN Wen-wu, TANG Hong-wu</i> (48)
Navigation hindering characteristics of Guomuzi-Shizikou group of shoals and its regulation .....	<i>ZHAO Zhi-zhou, JING Xiao-ju, ZHAO Shi-qiang, ZHANG Xiao-ming, ZHAO Jian</i> (55)
A study of ecological revetment structure in marine soil area ...	<i>CHEN Yi-mei, SONG Shao-hua, MA Jun</i> (62)
Preliminary study on sediment concentration distribution in the Three Gorges reservoir .....	<i>MAO Hong-mei, LIU Shao-hua, ZHOU Hai-yan</i> (67)
Analysis of Changjiang River navigation development based on comparison of inland waterways level .....	<i>LIU Tao, LUO Sheng-ping</i> (72)
Stable relationships of tidal inlets acted by tidal flow and their experimental studies .....	<i>ZHANG Lei</i> (78)
Calculation of wave transmission coefficient and experimental study of a permeable breakwater on pile foundation .....	<i>CHEN De-chun, MAO Fu-wen, SHEN Li-ning, YIN Fu-an</i> (83)
<b>NEWS</b> .....	( 88 )