



# 海洋学研究

Haiyangxue Yanjiu

第 36 卷 第 4 期 2018 年 12 月

## 目 次

### 研究论文

- 黑海西北部涡旋与环流对跨陆架水交换的影响 ..... 马梦遥, 周 锋 (1)
- 盛夏北极边缘海冰与来年冬季 NAO 之联系 ..... 胡春迪, 张成扬, 陈大可, 杨清华 (8)
- 遥感海表盐度分析产品的有效分辨率研究 ..... 陈 建, 程 锐, 刘 娟, 王辉赞, 鲍森亮, 闫恒乾 (17)
- 基于 VIIRS 数据的南黄海区域激光测深性能评估 ..... 卢 刚, 王宗伟, 朱士才, 高 磊, 王亚男 (28)
- 基于地理加权回归模型的水深反演算法研究  
..... 刘 源, 邱振戈, 栾奎峰, 侍 炯, 朱卫东, 刘鲁燕, 沈 蔚, 曹彬才 (35)
- 多光谱与纹理特征结合的 WorldView-2 影像海岸线提取方法研究——以马来西亚棉花岛为例  
..... 阚丽萍, 邹亚荣, 胡卓玮 (43)
- 舟山 DZ-1 钻孔沉积物粒度特征与沉积环境辨别 ..... 陈燕萍, 李 琰 (53)
- 基于不同环境因子的中西太平洋鳀鱼资源丰度灰色预测模型构建  
..... 方 舟, 陈洋洋, 陈新军, 郭立新 (60)

### 研究报道

- 温度骤降对大黄鱼 *Larimichthys crocea* 鱼卵与仔鱼的影响  
..... 周孔霖, 杜 萍, 寿 鹿, 廖一波, 刘永叶, 黄 伟 (68)
- 海湾水交换对取排水工程的响应 ..... 苏银秋, 潘国富, 俞亮亮, 杨万康 (76)

### 简讯与简介

- 2019 年《海洋学研究》征订启事 ..... (83)
- 《海洋学研究》征稿简则 ..... (84)
- 《海洋学研究》2018 年总目次 ..... (86)

# JOURNAL OF MARINE SCIENCES

Vol. 36, No. 4, Dec. , 2018

---

## CONTENTS

- Effect of eddies and Rim Current on cross-shelf exchange in the northwestern Black Sea  
..... MA Meng-yao, ZHOU Feng( 7 )
- Linking high-summer Arctic marginal sea-ice to the following wintertime North Atlantic Oscillation  
..... HU Chun-di, ZHANG Cheng-yang, CHEN Da-ke, YANG Qing-hua( 16 )
- Study on effective resolutions of remotely sensed reanalysis products of sea surface salinity  
..... CHEN Jian, CHENG Rui, LIU Juan, WANG Hui-zan, BAO Sen-liang, YAN Heng-qian( 27 )
- Performance evaluation of laser bathymetry in the South Yellow Sea region based on VIIRS data  
..... LU Gang, WANG Zong-wei, ZHU Shi-cai, GAO Lei, WANG Ya-nan( 34 )
- Research on water depth inversion algorithm based on Geographically Weighted Regression Model  
..... LIU Yuan, QIU Zhen-ge, LUAN Kui-feng, SHI Jiong, ZHU Wei-dong,  
LIU Lu-yan, SHEN Wei, CAO Bin-cai( 42 )
- Research on coastline extraction method of WorldView-2 image combined with multi-spectral and texture features: Take the Cotton Island of Malaysia as an example  
..... KAN Li-ping, ZOU Ya-rong, HU Zhuo-wei( 52 )
- Sediment grain-size characteristics and sedimentary significance of DZ-1 borehole near Zhoushan Islands, East China Sea ..... CHEN Yan-ping, LI Yan( 59 )
- The grey predict model construction of abundance forecasting for skipjack tuna (*Katsuwonus pelamis*) in the Western and Central Pacific Ocean based on different environmental factors  
..... FANG Zhou, CHEN Yang-yang, CHEN Xin-jun, GUO Li-xin( 67 )
- Effects of abrupt temperature drop on the eggs and larvae of *Larimichthys crocea*  
..... ZHOU Kong-Lin, DU Ping, SHOU Lu, LIAO Yi-Bo, LIU Yong-Ye, HUANG Wei( 75 )
- Response of bay water exchange to water intake and drainage project  
..... SU Yin-qiu, PAN Guo-fu, YU Liang-liang, YANG Wan-kang( 83 )