

# 海洋地质前沿

HAIYANG  
DIZHI  
QIANYAN

(月刊)

主 编：吴能友  
副 主 编：印 萍  
许振强  
刘 锐

编 辑：孙 萍  
李 杰  
肖 菲

责任编辑：肖 菲  
英文编辑：虞子冶

5

2024

第 40 卷 总第 498 期

## 目 次

### ● 研究论文

- 2010—2020 年伶仃洋表层沉积物重金属含量及潜在生态风险变化  
..... 付淑清, 杨龙, 唐光良, 钟霆堃, 宗永强(1)
- 海南岛北部海湾表层沉积物粒度特征及输运趋势  
..... 曾维特, 张东强, 刘兵, 杨永鹏, 张航飞, 吴多誉, 王晓林(10)
- 威海市东部滨海新城海域海砂资源分布及特征  
..... 王玉莲, 韩忠, 李浩, 李恒猛, 陈丽洁(19)
- 海南文昌清澜湾红树林潮沟地下水溶解碳通量的潮汐动态  
..... 张越, 朱虹霓, 王一清, ALYAA Zidan, 崔振昂, 吴自军(27)
- 围填海工程对三门湾纳潮量和水交换的影响  
..... 韩慧慧, 高飞, 丁咚, 马乐(40)
- 珠江口盆地超深水区 LW21-A 井烃源岩分子地球化学特征与油气成因  
..... 朱俊章, 黄玉平, 陈聪, 翟普强, 张志琳, 韩晋阳(51)
- 黄河口凹陷东次洼天然气成因及油气成藏模式  
..... 高雁飞, 杨海风, 王德英, 王航, 黄振(63)
- 珠江口盆地 AD15 洼构造沉积演化控制下的油气运聚模式  
..... 吴浩武, 黄峰(72)
- 厄瓜多尔 Oriente 盆地白垩系 Napo 组 LU 亚段沉积模式  
..... 韩立杨, 孙雨, 张克鑫, 闫百泉, 张超前, 杨国庆(80)
- 基于保边滤波的断层似然属性在西湖凹陷复杂断裂识别中的应用  
..... 秦德文, 刘庆文, 李琴(91)

# MARINE GEOLOGY FRONTIERS

(Monthly)

Vol. 40, No.5, May 2024 (Sum 498)

---

## CONTENTS

### ● Research Articles

- Changes in heavy metal content and their potential ecological risk in the surface sediments of Lingding Bay from 2010 to 2020  
..... FU Shuqing, YANG Long, TANG Guangliang, ZHONG Tingkun, ZONG Yongqiang (1)
- Grain size characteristics and transport trends of surface sediment in the bays of northern Hainan Island  
..... ZENG Weite, ZHANG Dongqiang, LIU Bing, YANG Yongpeng,  
ZHANG Hangfei, WU Duoyu, WANG Xiaolin (10)
- Distribution and characteristics of sea sand resources in Binhai Xincheng Area, Weihai City  
..... WANG Yulian, HAN Zhong, LI Hao, LI Hengmeng, CHEN Lijie (19)
- Tidal dynamics of dissolved carbon flux in ground water of a mangrove tidal creek in Qinglan Bay, Wenchang, Hainan  
..... ZHANG Yue, ZHU Hongni, WANG Yiqing, ALYAA Zidan, CUI Zhen'ang, WU Zijun (27)
- Influence of reclamation project on tidal volume and water exchange in Sanmen Bay  
..... HAN Huihui, GAO Fei, DING Dong, MA Le (40)
- Molecular geochemical characteristics and hydrocarbon genesis of source rocks in Well Lw21-a in ultra-deep water area of Pearl River Mouth Basin  
..... ZHU Junzhang, HUANG Yuping, CHEN Cong, ZHAI Puqiang, ZHANG Zhilin, HAN Jinyang (51)
- Origination and accumulation of oil and gas in Eastern Sub-sag, Huanghekou Sag  
..... GAO Yanfei, YANG Haifeng, WANG Deying, WANG Hang, HUANG Zhen (63)
- Oil and gas migration and accumulation model under the joint control of tectonic and sedimentary evolution in Ad 15 Sag, Pearl River Mouth Basin  
..... WU Haowu, HUANG Feng (72)
- The sedimentary model of the Lu Sub-member of Cretaceous Napo Formation in Oriente Basin, Ecuador  
..... HAN Liyang, SUN Yu, ZHANG Kexin, YAN Baiquan, ZHANG Chaoqian, YANG Guoqing (80)
- Application of fault likelihood attribute based on edge-preserved filter in complex fault identification of Xihu Sag  
..... QIN Dewen, LIU Qingwen, LI Qin (91)