

海 HAI
洋 YANG
地 ZH
质 PIN
前 QIAN
沿 YAN

(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

2

2024

第 40 卷 总第 495 期

目 次

●综述与评述

海洋沉积证据在低纬过程气候变化中的应用及展望

··· 罗传秀,王晓静,苏翔,马婷,杨艺萍,杜恕环,杨子杰,孙玉慧,梁诗晴(1)

●研究论文

长江口北支上段岸滩侵蚀及保护实施效果分析

··· 季永兴,李路,袁琳,陈雪初(11)

河控型浅水三角洲前缘河道砂体结构特征——以渤海湾盆地黄河口凹陷

BZ34 油区明下段Ⅱ油组为例

··· 赵汉卿,李超,郭诚,岳红林,张正龙(20)

海州湾岸线蚀淤演变及预测

··· 孔德旋,张存勇,侯建康(28)

珠江口盆地陆丰凹陷古近系储层特征及优质储层主控因素

··· 雷永昌,彭光荣,何雁兵,肖张波,邱欣卫,吴琼玲,赵鹏(37)

珠江口盆地番禺 4 洼古近系文昌组构造-沉积耦合关系

··· 李振升,彭光荣,陈维涛,蔡国富,张丽,黄荣燕(50)

●技术方法

低渗储层岩石物理建模新方法及其在东海 Z 气田中的应用

··· 李炳颖,涂齐催,刘江,娄敏,张佳佳,黄鑫,王腊梅(59)

断层阴影区地震优势信号提取新技术及其在西湖 TT 区的应用

··· 王腊梅,涂齐催,毛云新,娄敏(68)

海南岛西部单道地震和浅地层剖面资料联合解释

··· 王嘉琳,张匡华,林明智,傅人康,陈波,全长亮,伍德明(77)

声学探测技术在富钴结壳勘探中的应用及展望

··· 于起,何高文,杨永(83)

深海 ARV 在海洋资源调查中的应用及展望

··· 周吉祥,刘慧敏,陆凯,单瑞,杨源(93)

MARINE GEOLOGY FRONTIERS

(Monthly)

Vol. 40, No.2, Feb. 2024 (Sum 495)

CONTENTS

● Reviews

Application and prospect of marine sedimentary evidence to climate change in low-latitude processes

..... LUO Chuanxiu, WANG Xiaojing, SU Xiang, MA Ting, YANG Yiping, DU Shuhuan,
YANG Zijie, SUN Yuhui, LIANG Shiqing (1)

● Research Articles

Beach erosion and protection effect analysis on the upstream of the North Branch of the Changjiang (Yangtze) Estuary

..... JI Yongxing, LI Lu, YUAN Lin, CHEN Xuechu (11)

Geomorphology of channel sandbodies in fluvially dominated shallow water delta front: taking the Lower Member of the Minghuazhen Formation in BZ34 Oilfield of the Huanghekou Sag, Bohai Bay Basin as an example

..... ZHAO Hanqing, LI Chao, GUO Cheng, YUE Honglin, ZHANG Zhenglong (20)

Evolution and prediction of shoreline erosion and siltation in Haizhou Bay

..... KONG Dexuan, ZHANG Cunyong, HOU Jiankang (28)

Paleogene reservoir characteristics and main controlling factors of high-quality reservoirs in Lufeng Sag, Pearl River Mouth Basin

..... LEI Yongchang, PENG Guangrong, HE Yanbing, XIAO Zhangbo, QIU Xinwei,
WU Qiongling, ZHAO Peng (37)

Coupling relationship between structure and sedimentary of the Paleogene Wenchang Formation in Panyu 4 Sag, Pearl River Mouth Basin

..... LI Zhensheng, PENG Guangrong, CHEN Weitao, CAI Guofu, ZHANG Li, HUANG Rongyan (50)

● Technology and Methods

A new method of rock physics modeling and its application in low permeability reservoirs of Z Gasfield, East Sea Basin

..... LI Bingying, TU Qicui, LIU Jiang, LOU Min, ZHANG Jiajia, HUANG Xin, WANG Lamei (59)

A new technique for seismic dominant signal extraction in fault shadow zone and its application in TT Block, Xihu Sag, East China Sea

..... WANG Lamei, TU Qicui, MAO Yunxin, LOU Min (68)

Combined interpretation of single-channel seismic and sub-bottom profiles in the western area of Hainan Island

..... WANG Jialin, ZHANG Kuanghua, LIN Mingzhi, FU Renkang, CHEN Bo,
TONG Changliang, WU Deming (77)

Status quo and prospect in acoustic detection technology for submarine cobalt-rich crust exploration

..... YU Qi, HE Gaowen, YANG Yong (83)

Application and prospect of deep-sea ARV in mineral resource investigation

..... ZHOU Jixiang, LIU Huimin, LU Kai, SHAN Rui, YANG Yuan (93)