

中国科技核心期刊



ISSN 0253-4967

CN 11-2192/P

CODEN DDIZD4

地震 地质

第四十三卷

第六期

2021年十一月

地震 地质

SEISMOLOGY AND GEOLOGY

第43卷 第6期 Vol. 43 No. 6

2021



ISSN 0253-4967



9 770253496219

万方数据

中国地震局地质研究所

43卷终

地震地质

(2021年12月 第43卷 第6期)

目 次

研究论文

中国南海北部陆架区更新世晚期沉积物年代学及古环境研究——以 DG 钻孔为例

..... 张志亮 刘金瑞 张浩博等(1351)

汶川地震前失稳过程的重力场观测证据 郭树松 祝意青 徐云马等(1368)

琉球-马尼拉海沟的构造背景及发震能力评估 李正芳 周本刚 肖海波(1381)

三危山断裂敦煌段古地震活动特征 刘兴旺 袁道阳 姚赟胜等(1398)

滇东南地区小江断裂南段历史滑坡特征及其地震地质意义 高帆 韩竹军 袁仁茂等(1412)

金沙江断裂带活动与大型滑坡群的关系研究：以金沙江拿荣—绒学段为例

..... 常昊 常祖峰 刘昌伟(1435)

青藏高原东缘岷山活动地块周缘的地震活动特征与启示 李佳妮 韩竹军 罗佳宏等(1459)

桃川-户县断裂渭河盆地隐伏段的展布与结构特征 张恩会 师亚芹 张艺等(1485)

基于高分辨率地形数据的富蕴 $M_{\text{w}}8.0$ 地震地表破裂带精细特征 梁子晗 魏占玉 庄其天等(1507)

基于加密地震观测讨论红河断裂带北段维西-乔后断层的地震活动性特征

..... 王志伟 马胜利 雷兴林等(1524)

红河断裂带北、中段近期重力变化及深部变形 汪健 申重阳 孙文科等(1537)

利用时移层析成像方法分析 2014 年云南景谷 $M_s6.6$ 地震震源区的 P 波速度变化

..... 曹颖 钱佳威 黄江培等(1563)

2020 年西藏尼玛 $M_{\text{w}}6.3$ 地震的 InSAR 同震形变与构造意义 邱江涛 季灵运 刘雷等(1586)

岩体完整性对载荷干扰定量分析的影响——以天津小辛庄应力为例 雷生学 刘建波 闫伟等(1600)

川滇地区活动块体边界断裂现今运动和应力分布 万永魁 沈小七 刘瑞丰等(1614)

青藏高原东北缘地震波衰减特征及地震震源参数研究 臧阳 俞言祥 孟令媛等(1638)

新技术应用

基于无人机热红外遥感数据的地震倒塌房屋提取 范熙伟 聂高众 邓砚等(1657)

科研快讯

北京平原大兴凸起东缘断裂全新世活动的新认识 李正芳 李彦宝 周本刚等(1671)

SEISMOLOGY AND GEOLOGY

(Vol.43 No.6 Dec. 2021)

CONTENTS

Research paper

- The chronological and paleoclimatic study of the Late Pleistocene continental shelf sediments, northern South China Sea: Using core DG as an example ZHANG Zhi-liang, LIU Jin-rui, ZHANG Hao-bo, *et al.*(1351)
- Gravity evidence of meta-instable state before the 2008 Wenchuan earthquake GUO Shu-song, ZHU Yi-qing, XU Yun-ma, *et al.*(1368)
- Evaluation of Ryukyu-Manila trench tectonic background and seismogenic ability LI Zheng-fang, ZHOU Ben-gang, XIAO Hai-bo(1381)
- Paleoearthquake characteristics in Dunhuang segment of the Sanweishan Fault LIU Xing-wang, YUAN Dao-yang, YAO Yun-sheng, *et al.*(1398)
- Features of ancient landslides and their seismic-geological significance along the southern segment of Xiaojiang Fault in the southeastern Yunnan, China GAO Fan, HAN Zhu-jun, YUAN Ren-mao, *et al.*(1412)
- The relationship between activity of Jinsha River fault zone and large-scale landslides: A case study of the section between Narong and Rongxue along the Jinsha River CHANG Hao, CHANG Zu-feng, LIU Chang-wei(1435)
- Characteristics and implications of seismic activity around Minshan active block in eastern margin of Qinghai-Tibet Plateau LI Jia-ni, HAN Zhu-jun, LUO Jia-hong, *et al.*(1459)
- Extension and structural feature of the buried segment of Taochuan-Huxian Fault in the Weihe Basin ZHANG En-hui, SHI Ya-qin, ZHANG Yi, *et al.*(1485)
- Segmentation of surface rupture and offsets characteristics of the Fuyun M_{8.0} earthquake based on high-resolution topographic data LIANG Zi-han, WEI Zhan-yu, ZHUANG Qi-tian, *et al.*(1507)
- Discussion on seismicity characteristics of Weixi-Qiaohou Fault in the northern section of Red River fault zone based on the dense seismic array observation WANG Zhi-wei, MA Sheng-li, LEI Xing-lin, *et al.*(1524)
- Study on present gravity change and deep crust deformation in the northern and middle sections of the Red River fault zone WANG Jian, SHEN Chong-yang, SUN Wen-ke, *et al.*(1537)
- P-wave velocity changes in hypocenter region of the 2014 Jinggu M_{s6.6} earthquake using time-lapse tomography based on double-difference tomography CAO Ying, QIAN Jia-wei, HUANG Jiang-pei, *et al.*(1563)
- InSAR coseismic deformation and tectonic implications for the 2020 M_{w6.3} Nima earthquake in Xizang QIU Jiang-tao, JI Ling-yun, LIU lei, *et al.*(1586)
- Influence of rock integrity on quantitative analysis of external load disturbance: A case study of Xiaoxinzhuang strain, Tianjin LEI Sheng-xue, LIU Jian-bo, YAN Wei, *et al.*(1600)
- Present slip and stress distribution of block boundary faults in the Sichuan-Yunnan region WAN Yong-kui, SHEN Xiao-qi, LIU Rui-feng, *et al.*(1614)
- Study on attenuation characteristics of seismic waves and seismic source parameters in the northeast margin of Qinghai-Tibet Plateau ZANG Yang, YU Yan-xiang, MENG Ling-yuan, *et al.*(1638)

Application of new technique

- Earthquake building damage detection using UAV thermal infrared remote sensing images FAN Xi-wei, NIE Gao-zhong, DENG Yan, *et al.*(1657)

Scientific research flash

- New insight on the Holocene activity of the eastern marginal fault of Daxing Uplift, Beijing plain 万方数据 LI Zheng-fang, LI Yan-bao, ZHOU Ben-gang, *et al.*(1671)