

刊名题字 许在廉

中国煤炭地质

ZHONGGUO MEITAN DIZHI

月刊

第22卷 第8期(物探专刊)

总第133期

2010

主管单位 国家煤矿安全监察局

主办单位 中国煤炭地质总局

出版单位 《中国煤炭地质》编辑部

学术支持单位

中国地质大学(北京) 能源学院

中国矿业大学(北京) 地球科学与测绘工程学院

中国矿业大学(徐州) 资源与地球科学学院

河南理工大学 资源环境学院

安徽理工大学 地球与环境学院

主 编 赵克荣

常务副主编 孙常长 0312-3685224

编 辑 唐锦秀 0312-3685009

樊小舟 0312-3685937

编办主任 杨芳 0312-3685217(兼传真)

英文编辑 毛邦倬(特约)

发 行 《中国煤炭地质》编辑部

地 址 河北省涿州市范阳西路50号

邮 政 编 码 072750

电 子 信 箱 zhgmtz@163.com

中国标准连续 ISSN 1674-1803

出版 物 号 CN 13-1385/TD

广告许可证号 1306024000046

出版 日期 2010-08-25

发 行 范 围 国内外公开发行

印 刷 固安县文史印务有限公司

定 价 10.00元

目 次

煤炭地下气化区高密度三维地震勘探技术研究...张兴平,王秀荣(1)

基于地震资料的小断裂检测技术.....曹思远,刘兰锋,陈为琳(5)

地震纵波技术预测煤层瓦斯富集区的探讨与实践.....
.....常锁亮,刘洋,赵长春,等(9)

谱分解技术在预测煤层岩浆岩侵入区的应用.....
.....陈同俊,王新,崔若飞(16)

高原冻土区三维地震勘探技术.....李刚,张广忠,王玉娇,等(18)

三维地震技术在探测煤矿腔状采空区中的应用.....
.....段建华,杨文强,倪新辉(21)

高密度地震勘探的激发和接收技术探讨.....刘俊杰,丹穆基诺(25)

三维地震属性分析解释技术在山西赵庄矿的应用.....
.....郭良红,胡宗正,李劲松,等(29)

复杂条件下煤田三维地震勘探应用实例.....尹俊清,张玉军(35)

测井约束地震反演分辨率及反演策略探讨.....许崇宝(39)

新疆大井南勘查区复杂表层条件下地震资料处理技术.....
.....王真,田思清(42)

高密度三维地震勘探在四川复杂山区的应用效果.....
.....张德元,严震乾,梁红艺,等(46)

高密度三维地震技术在潞安矿区高河煤矿的应用效果.....
.....程裕斌,陈加林(50)

三维地震勘探技术在新疆山区的应用效果.....
.....范庆荣,张建国,王晶,等(54)

三维地震勘探技术在开滦林南仓矿的应用.....
.....成润根,段建华,石君华(58)

三维地震勘探技术在淮北矿区的应用.....王琦,高远,范景坤(61)

煤矿采区三维地震探采对比效果的分析与思考.....
.....程建远,赵伟,曹丁涛,等(67)

淮南煤田三维地震勘探技术应用进展.....
.....方良才,赵伟,徐羽中,等(73)

甘肃省陇东地区黄土塬地区煤田地震勘探技术方法探索.....
.....王永奎,殷全增(83)

中國煤炭地質

ZHONGGUO MEITAN DIZHI

COAL GEOLOGY OF CHINA

monthly

Vol. 22 No.8(Geophysical technology)

serial No.133

2010

Governor

State Bureau of Coalmine Safety Supervision

Sponsor

China National Administration of Coal Geology

Edited & Published by

Coal Geology of China Editorial Board

Academic Supporters

School of Energy Resources,China University of Geosciences,Beijing

College of Geoscience and Surveying Engineering,China University of Mining and Technology, Beijing

School of Resource and Earth Science,China University of Mining and Technology,Xuzhou

School of Resources and Environment Engineering,Henan Polytechnic University

School of Earth and Environment,Anhui University of Science and Technology

Chief Editor Zhao Kerong

Administrative Deputy Chief Editor

Sun Changchang (0312-3685224)

Editor

Tang Jinxiu 0312-3685009

Fan Xiaozhou 0312-3685937

Office Director Yang Fang (0312-3685217)

English Editor

Mao Bangzhuo (Specially Invited)

Distributor

Coal Geology of China Editorial Board

Address

50 Fanyang Rd., Zhuozhou, Hebei

Postal Code 072752

Fax 0312-3685217

E-mail zhgmtzdh@163.com

Publication Number

ISSN 1674-1803 / CN13-1385/TD

Advertisement License 1306024000046

Publishing Date 2010-08-25

Distribution Limit

Distribution to the public both in home and abroad

Printer Gu'an County Wenshi Printing Co.Ltd.

Price 10.00 RMB Yuan

CONTENTS

A Study on High Density 3D Seismic Prospecting Technology Used in Underground Coal GasificationZhang Xingping, Wang Xiurong(1)

Minor Fracture Detection Technology Based on Seismic Data Cao Siyuan, Liu Lanfeng and Chen Weilin(5)

Discussion and Preliminary Practice of Primary Wave Technology in Coal Seam Gas Enrichment Area PredictionChang Suoliang, Liu Yang, Zhao Changchun,et al.(9)

Application of Spectral Decomposition Technology on Coal Seam Magmatic Intrusion Prediction Chen Tongjun, Wang Xin and Cui Ruofei(16)

Plateau Permafrost Region 3D Seismic Prospecting Technology Li Gang, Zhang Guangzhong, Wang Yujiao,et al.(18)

Application of 3D Seismic Technology on Coalmine "Cavity-shaped" Gob Area DetectionDuan Jianhua, Yang Wenqiang and Ni Xinhui(21)

A Discussion on High Density Seismic Prospecting Shot and Receiving Technologies Liu Junjie, Denis Mougenot(25)

Application of 3D seismic Attribute Analysis Interpretation Technology in Zhaozhuang Coalmine, Jincheng Coal Group, Shanxi Guo Lianghong, Hu Zongzheng, Li Jingsong,et al.(29)

A Case Study of Coalfield 3D Seismic Prospecting under Complex Conditions Yin Junqing, Zhang Yujun(35)

Probe into Well Logging Constrained Seismic Inversion Resolution and Inversion Tactic Xu Chongbao(39)

Seismic Data Processing Technology under Complex Near-surface Structure in Dajingnan, Xinjiang Wang Zhen, Tian Siqing(42)

Application Effect of High Density 3D Seismic Prospecting in Sichuan Complex Mountainous AreasZhang Deyuan, Yan Zhenqian, Liang Hongyi,et al.(46)

Application of High Density 3D Seismic Technology Prospecting in Gaohe Coalmine, Luan Mining Area and Its EffectCheng Yubin, Chen Jialin(50)

Application Effect of 3D seismic Prospecting Technology in Xinjiang Mountainous Regions Fan Qingrong, Zhang Jianzhou, Wang Jing,et al.(54)

Application of 3D Seismic Prospecting Technology in Linnancang Coalmine, KailuanCheng Rungen, Duan Jianhua and Shi Junhua(58)

Application of 3D Seismic Prospecting Technology in Huaibei Mining Area Wang Qi, Gao Yuan and Fan Jingkun(61)

Pondering on Coalmine Winning District 3D Seismic Correlation of Prospecting and Mining Information Effect AnalysisCheng Jianyuan, Zhao Wei, Cao Dingtao ,et al.(67)

Progression of 3D Seismic Prospecting Technology Application in Huainan Mining Area Fang Liangcai, Zhao Wei, Xu Yuzhong,et al.(73)

Probe into Coalfield Seismic Prospecting Technological Method in Loess Tableland, Eastern Gansu Wang Yongkui, Yin Zengquan(83)