



中国矿业
CHINA MINING MAGAZINE

刊名题字:薄一波

2011年第20卷5期(总第165期)

(月刊)

1992年创刊

《中国矿业》国内视点

体现中华矿业风貌

荟萃改革创新业绩

纵论企业经济框架

谱写科技兴矿篇章

《中国矿业》国外视点

把握国外矿业动态

了解最新工艺技术

沟通科技成果信息

借鉴先进管理经验

主 管:国土资源部

主 办:中国矿业联合会

编 辑:《中国矿业》编辑部

出 版:《中国矿业》杂志社

社 长:崔德文

总 编 辑:陈颂今

法律顾问:北京长安律师事务所 李玉红

编辑部电话:010—68332570

广告部电话:010—62211488

传 真:010—88374941

电子邮箱:magazine@chinamining.org

地 址:北京市西直门北大街45号

时代之光名苑2号楼901

邮 编:100044

国际标准刊号:ISSN 1004-4051

国内统一刊号:CN11-3033/TD

邮发代号:2-566

国内发行:北京市报刊发行局

国外发行:中国国际图书贸易总公司

印 刷:北京科信印刷有限公司

广告经营许可证:京西工商广字第8067号

订 阅:全国各地邮政局

定 价:15元

出版日期:2011年5月15日

**《中国矿业》杂志社恭祝
全国矿业工作者以及广大
读者、作者健康快乐!**

目 次

矿业综述

合作共赢,开发利用境外矿产资源 梅燕雄,胡如权,李莉,等 (1)
东盟国家矿产资源管理政策分析 方敏,李洪斌 (4)

创建国家资源型城市转型示范市的新思路 王菲菲,王金瑛 (7)

合理利用国内外两种铁矿石资源的对策研究 魏建新 (10)

我国与拉美地区国家能源合作展望 潘习平,车长波,李富兵 (13)

馆藏青藏高原地区成果地质资料概况 丁克永,庞振山,顾世强 (16)

经济研究

我国煤炭行业低碳经济发展模式研究 马岩,鲁江 (19)

以低碳技术为支撑发展低碳经济 王卫彬 (23)

管理专论

基于合作博弈策略的矿产资源开发整合研究 付传君,杨昌明 (27)

神华集团矿区开发建设中的企地共赢机制研究 云天宝,宋琳 (31)

论浙江地勘产业转型升级发展战略 徐刚 (34)

煤炭产业安全概念及评价指标体系的初步研究 李冬梅,王竹玲,刘红岩 (38)

浅析金属非金属矿山安全标准化系统的创建 胡东涛,严乃绪,贾永权,等 (41)

浅谈河南煤化在资源整合中实行的“五真”战略 顾学亭,边小涛 (44)

绿色矿业

招金矿业创建绿色矿山的探索与实践 李秀臣 (46)

基于场论的矿区生态环境采动累积效应研究 连达军,汪云甲 (49)

某露天煤矿生态足迹和生态包袱的分析 初道忠,朱庆丽 (54)

采选技术

高含二氧化硫分级联合浸出技术试验研究 王洪江,吴爱祥,张新普,等 (58)

中国复杂难选铁矿的研究现状 刘杰,周明顺,翟立委,等 (63)

某矿区岩石蠕变特性试验研究 何锦龙,袁海平 (67)

无机阴离子与十二胺捕收剂添加顺序对

硅酸盐矿物浮选的影响 刘方,孙传亮 (71)

基于三角形剖分算法建立三维巷道模型的研究 蔡美峰,李角群,杨志军 (75)

预留原生矿柱对片理状岩体采场稳定性影响试验研究 王晓军,冯萧,钟春晖 (80)

某钒钛磁铁矿综合利用试验研究 陈达,傅文章,洪秉信 (84)

矿业纵横

徐州市矿地一体化管理信息系统建设实践 喻存国,李钢,尹鹏程,等 (87)

关于在我国南方多雨地区实施尾矿干堆技术的探讨 曾宪坤,沈楼燕 (90)

四川省废弃矿井现状及其治理对策 刘岁海,周开灿,李发斌,等 (93)

基于BP神经网络的煤矸石电厂烟气脱硫效果评价 薛宝华,郭凯 (96)

基于块体理论岩体稳定性分析及三维数值模拟研究 罗建林,刘兵 (99)

干湿循环作用下岩石力学性质的实验研究 姜永东,阎宗岭,刘元雪,等 (104)

三维应力作用下砂岩单裂隙渗流规律试验研究 侯昭飞,纪洪广,王金安,等 (107)

煤矿老空区地面探测技术及其应用 李文 (111)

对鄂东南阳新地区金矿矿产资源评价 杨伟卫,胡清乐,金尚刚,等 (115)

双柳煤矿瓦斯抽采现状分析与对策 骆正保 (119)

城市人工岩质边坡稳定性评价:以鞍山市区对炉街崩塌为例 李仁锋,娄新刚,孙艳荣,等 (121)

瑞典HARDOX 550/600耐磨钢板在德兴铜矿使用成果分析 黄传禄 (124)

CHINA MINING MAGAZINE
Volume 20 Number 5 (SUM No. 165) May, 2011
CONTENTS

Win-win cooperation, development and utilization of overseas mineral resources	MEI Yan-xiong, HU Ru-quan, Li Li, et al (1)
The policy analysis on the mineral resource management in ASEAN countries	FANG Min, LI Hong-pin (4)
The new ideas to create a model city in transformation of the national resources cities	WNAG Fei-fei, WANG Jin-ying (7)
Study on the countermeasures of put domestic and overseas iron ore resources to rational utilization	WEI Jian-xin (10)
Energy cooperation between China and Latin America outlook	PAN Xi-ping, CHE Chang-bo, LI Fu-bing (13)
The general situation of Qinghai-Tibet plateau geological data and achievements kept at National Geological Archives	DING Ke-yong, PANG Zhen-shan, YAN Shi-qiang (16)
Research on development model of low-carbon economy in China's coal industry	MA Yan, LU Jiang (19)
Relying on low carbon technology to development of low carbon economy	WANG Wei-bin (23)
The research on exploitive integration of mineral resources based on cooperative game strategy	FU Chuan-jun, YANG Chang-ming (27)
Study on win-win cooperation between Shenhua coal mines and the local authorities	YUN Tian-bao, SONG Lin (31)
Study on transformation upgrade developing strategy of Zhejiang geological investigate industry	XU Gang (34)
Preliminary study on coal industrial security idea and evaluation indictor system	LI Dong-mei, WANG Zu-ling, LIU Hong-yan (38)
Discussion on the construction of metal and nonmetal mines safety standardization system	HU Dong-tao, YAN Nai-xu, JIA Yong-quan, et al (41)
Henan Coal Industry and Chemistry Group Co., Ltd. in the integration of resources to implement the "five true" strategy	GU Xue-ting, BIAN Xiao-tao (44)
Exploration and practice of Zhaojin mining Co.	LI Xiu-chen (46)
Study on cumulative effective of mining-induced eco-environment with ecological field theory	LIAN Da-jun, WANG Yun-jia (49)
Analysis of ecological footprint and ecological rucksack of a open-pit coal mine	CHU Dao-zhong, ZHU Qing-li (54)
The site experiment of grade combinated leaching technique of high-mud oxidized ore	WANG Hong-jiang, WU Ai-xiang, ZHANG Xin-pu, et al (58)
Present status of China's complex refractory iron ore study	LIU Jie, ZHOU Ming-shun, ZHAI Li-wei, et al (63)
Testing study on creep characteristic of ore-rock at a mine	HE Jin-long, YUAN Hai-ping (67)
The effects of inorganic anions and collector's different addition orders for the flotation of silicate minerals with dode-cannamine as collector	LIU Fang, SUN Chuan-yao (71)
Study on the 3D-roadway model by the triangulation algorithm	CAI Mei-feng, LI Jiao-qun, YANG Zhi-jun (75)
The test study on impact of pre-setting ore pillar on schistosity rock stope stability	WANG Xiao-jun, FENG Xiao, ZHONG Chun-hui (80)
Experimental research on the comprehensive utilization from a vanadium-containing titanomagnetite ore	CHENG Da, FU Wen-zhang, HONG Bing-xin (84)
Practice of building integrated management of mineral and land resources information system of Xuzhou	YU Cun-guo, LI Gang, YIN Peng-cheng (87)
Discussions on dry-tailing stacking technology in southern rainy area of China	ZENG Xian-kun, SHEN Lou-yan (90)
The present condition of the abandoned mine and its control countermeasure in Sichuan province	LIU Sui-hai, ZHOU Kai-can, LI Fa-bin, et al (93)
The effective evaluation of flue gas desulphurization in coal gangue power plant based on BP neural network	XUE Bao-hua, GUO Kai (96)
Analysis and Three-Dimensional simulation on stability of the rock mass in mined-out area based on block theory	LUO Jian-lin, LIU Bing (99)
Experimental study on mechanical properties of rock under the conditions of wet and dry cycles	JIANG Yong-dong, YAN Zong-ling, LIU YUAN-xue, et al (104)
Experiment research on the laws of seepage in sandstone within single fracture under triaxiality stresses	HOU Zhao-fei, JI Hong-guang, WANG Jin-an, et al (107)
The technology and application of coal mine goaf ground detection	LI Wen (111)
Technology in Yangxin Southeastern districts of Hubei province in gold mineral resources assessment	YANG Wei-wei, HU Qing-le, JIN Shang-gang, et al (115)
Coal mine gas drainage Shuangliu analysis and countermeasures	LUO Zheng-bao (119)
The evaluation of man-made rock slope stability in city: A case study of Duiulujie landslip of urban area in Anshan city	LI Ren-feng, LOU Xin-gang, SUN Yan-rong, et al (121)

CHINA MINING MAGAZINE

SPONSOR: China Mining Association

EDITORIAL OFFICE

Vice director and chief editor: Chen Songjin

Address: 901, Building 2 Ever Flash Tower, No. 45 Xizhimen North Street, Haidian District, Beijing, 100044

GENERAL DISTRIBUTOR

China International Book Trading Corporation

(GUOJI SHUDIAN) — P. O. Box 399, Beijing, China