

TABLE OF CONTENTS 目 录

**Spatial Distribution and Optimal Utilization of Cultivated Land Resources
in Mountain Agricultural Areas**
(山地农业区耕地资源空间分布状况及优化利用)

Y. MOU, J. K. GUO.....873

Reservoir Characteristics of Carbonate Rocks in Well Qi646-2 of Wangxuzhuang Oilfield
(王徐庄油田歧 646-2 井沙一下碳酸盐岩储层特征研究)

Y. J. YANG, J. S. YANG, Y. C. ZANG, D. K. HE.....884

Distribution Analysis of Primary and Secondary Schools in Harbin Based on GIS
(基于 GIS 的哈尔滨市中小学分布分析)

Y. D. GUO.....898

Analysis on the Change Characteristics of Summer Precipitation in Southwest China
(西南地区夏季降水的变化特征分析)

H. N. XU, T. G. XIAO, M. X. YANG, W. Y. ZHANG.....908

**Research on Method of Live Surface Rainfall in Zishui Basin Based on
Grid Precipitation Products**
(基于网格降水产品的资水流域实况面雨量计算方法研究)

J. Y. XU, C. Q. ZHOU, J. J. CHEN, H. Z. CHEN, X. F. OU.....921

**Probability Distribution and Risk Detection of Karst Space in Metro Station by Coupling
Modeling of Multi-Physical Parameters**
(多物性参数耦合建模探测地铁站岩溶空间概率分布及风险)

P. ZOU, N. Q. ZHOU, Z. H. HUANG, S. R. ZHANG.....928

**First-Arrival Tomography and Multi-Channel Analysis of Surface Waves Combined
Detection Technology for Pebble Layer Roadbed**
(卵石层路基初至层析成像和多道面波联合探测技术)

Z. N. MA, R. Y. QIAN, J. W. XIAO.....941

Application of Green Trenching Exploration Construction in Yuxia Graphite Deposit in Fenyi, Jiangxi
(绿色槽探施工在江西省分宜县玉下石墨矿勘查中的应用)

P. JIAN, J. J. XIAO.....952

**Application of Seismic Structural Research in Site Selection and Construction
of Xiamen New Airport**
(地震构造研究在厦门新机场选址建设中的应用)

W. CHEN, F. L. SHEN.....959

**The Application of Image Segmentation in Distinguishing Different Components
of the Casting Slice**

(图像分割在区分铸体薄片不同组分中的应用)

B. YANG, C. M. ZHANG, Z. S. ZHANG, H. T. LIU, C. R. WANG, C. HAN, D. WU.....968

Study on the Method of Identifying Dalat Fault by Using Deep Geophysical Detection Technology

(利用深浅地球物理探测技术识别达拉特断裂的方法研究)

G. T. LI, L. CHENG, G. SU, H. WU.....977

Oil Distribution and Controlling Factor of Paleozoic in Dawangzhuang Nosing Structure

(大王庄鼻状构造古生界原油分布规律及控制因素分析)

K. Y. LIU, B. J. SHAN, C. NIE, L. Y. TAO, W. R. LI.....988

New Discovery and Tectonic Significance of Paleogene Volcanic Rocks in Nulei

Area, Ritu County, Tibet

(西藏日土县奴雷地区古近纪火山岩新发现及构造意义)

Y. B. XIAO, G. Q. LING, Y. GAO.....996

The Application of Distributed Optical Fiber Production Logging Technology in Shale Gas

(分布式光纤产气剖面测井技术研究应用)

C. R. WANG, C. H. LIU, C. M. ZHANG, J. J. TIAN, W. Q. ZHANG, Y. RUI.....1006