

华北地震科学

HUABEI DIZHEN KEXUE

2021年10月 第39卷第4期

目次

震害·防御与风险管理

- 地震风险、损失评估及保险方案探究——以机场航站楼为例 杨莹, 王潇, 曲娜, 刘天奇 (1)
- 防震减灾公共服务成熟度探究 何玉杰, 张成, 何少林, 林健富 (8)
- 基于文献的国内生命线工程抗震防灾研究 畅通, 周硕文, 张靖岩, 于文, 赵旭东 (13)
- 基于 NetLogo 的地震救援多主体协同仿真研究 喇蕊芳, 张在旭, 张旭, 白鹏飞 (19)
- 城市社区应急协同治理优化路径——基于 SWOT 模型分析 崔凯凯, 刘德林 (28)
- 基于地形坡度的场地分类方法在杭州市临安城区中硬、坚硬场地中的应用
..... 李环宇, 路建波, 杨福平, 余刚群, 陈涛, 罗楠 (35)
- 跨蔚广盆地南缘断裂流动形变监测场地选址——以大探口场地为例
..... 冉志杰, 彭远黔, 孟立朋, 董博 (43)

震例·监测与基础研究

- 邢台老震区库仑应力演化及地震危险性分析 陈婷, 章阳, 王晓山, 孙丽娜 (50)
- 利用水系类型和 GPS 数据研究龙日坝断裂带变形模式 呼永强, 李伟 (57)
- 利用 Python 语言实现软件系统准热备的一种方法——以 JOPENS0.5.2 流服务器为例
..... 马士振, 林向东, 苏柱金, 梁芳, 赵祖虎, 白永福 (63)
- 基于 GNSS 数据的河北地区形变特征 屈曼, 侯晓真, 马栋, 陈建国 (68)
- 河北唐山 $M_S 5.1$ 地震岩石圈磁场 D 分量异常分布和应力的关系
..... 刘德强, 王朝景, 李博, 张海洋, 云萌, 毛丰龙 (75)
- 河北遥测台网在地震速报中遇到的问题及分析
..... 李冬圣, 毛国良, 蔡玲玲, 贾炯, 王宁, 王莉婵, 王亚茹 (80)
- 北京地区小震活动与北京及周边地区显著地震相关性研究 崔博闻, 岳晓媛, 王丽红 (87)
- 宝德线高压直流输电附加电场变化特征 罗词建 (95)

[本刊启事]

- 欢迎订阅《华北地震科学》 (27)
- 《华北地震科学》征稿简则 (74)

期刊基本参数: CN13-1102/P * 1983 * q * 16 * 103 * zh * P * ¥15.00 * 500 * 15 * 2021-10

(责任编辑: 卓力格图 宁杰远 责任编辑: 杨雅琼 编辑: 张从珍 英文校译: 冯向东)

NORTH CHINA EARTHQUAKE SCIENCE

Vol. 39, No. 4, 2021

CONTENTS

Seismic Hazard·Disaster Prevention and Risk Management

- Earthquake Risk, Loss Assessment and Insurance Options——A Case Study of Airport Terminals
..... YANG Ying, WANG Xiao, QU Na, LIU Tianqi(1)
- Research on the Maturity of Public Service for Earthquake Prevention and Disaster Reduction
..... HE Yujie, ZHANG Cheng, HE Shaolin, LIN Jianfu(8)
- Analysis of Earthquake Resistance and Disaster Prevention of Lifeline Engineering in China based on Literature ...
..... CHANG Tong, ZHOU Shuowen, ZHANG Jingyan, YU Wen, ZHAO Xudong(13)
- Multi-agents Collaborative Simulation Study of Earth-quake Rescue Based on NetLogo
..... LA Ruifang, ZHANG Zaixu, ZHANG Xu, BAI Pengfei(19)
- Optimization Path of Urban Community Emergency Collaborative Governance based on SWOT Model
..... CUI Kaikai, LIU Delin(28)
- The Application of Site Classification Method Based on Terrain Slope in the Medium-hard and Hard Sites in
Lin'an Urban Area, Hangzhou
..... LI Huanyu, LU Jianbo, YANG Fuping, YU Gangqun, CHEN Tao, LUO Nan(35)
- Fault Flow Deformation Monitoring Site Selection at the Southern Margin of The YU-Guang Basin——A Case
Study of the Large Sounding Site RAN Zhijie, PENG Yuanqian, MENG Lipeng, DONG Bo(43)

Earthquake Case · Monitoring and Basic Research

- Coulomb Stress Evolution and Seismic Hazard Analysis on the Xingtai Old Earthquake Region
..... CHEN Ting, ZHANG Yang, WANG Xiaoshan, SUN Lina(50)
- Research on the Deformation Pattern of Longriba Fault Zone Using River Drainage Pattern and GPS Data
..... HU Yongqiang, LI Wei(57)
- Software System Quasi-hot Standby Using Python: Taking the JOPENS0.5.2 Streaming Server as an Example
..... MA Shizhen, LIN Xiangdong, SU Zhujin, LIANG Fang, ZHAO Zuhu, BAI Yongfu(63)
- Deformation Characteristics in Hebei Region based on GNSS Data
..... QU Man, HOU Xiaozhen, MA Dong, CHEN Jianguo(68)
- Relationship between Anomaly Distribution of Component D of Lithosphere Magnetic Field and Stress of Hebei
Tangshan $M_S5.1$ Earthquake
..... LIU Deqiang, WANG Zhaojing, LI Bo, ZHANG Haiyang, YUN Meng, MAO Fenglong(75)
- Problems Analysis of Earthquake Quick Report in Hebei Seismic Network
..... LI Dongsheng, MAO Guoliang, CAI Lingling, JIA Jiong, WANG Ning, WANG Lichan, WANG Yaru(80)
- Correlation Between Small Earthquake Activity in Beijing Area and Significant Earthquake in Beijing and
Surrounding Area CUI Bowen, YUE Xiaoyuan, WANG Lihong(87)
- Variation Characteristics of Additional Electric Field of Baode HVDC Transmission Line LUO Cijian(95)

Notice of the Journal

- Welcome to Subscribe NORTH CHINA EARTHQUAKE SCIENCE
..... Editorial office of the Journal(27)
- Regulation for Contribution to NORTH CHINA EARTHQUAKE SCIENCE
..... Editorial office of the Journal(74)