



中国地球物理学类核心期刊
中国科学引文数据库统计源期刊

ISSN 1000-3274

地震

EARTHQUAKE

2013 2

第33卷 第2期 Vol.33 No.2

中国地震局地震预测研究所
中国地震学会地震流体专业委员会

中国地震学会地震预报专业委员会
中国地震学会地震电磁学专业委员会

ISSN 1000-3274



9 771000 327008

地震杂志社

万方数据

EARTHQUAKE

DIZHEN

地震

2013 年

第 33 卷

第 2 期

目次

基于综合震害指数的玉树地震烈度遥感评估研究	
..... 王晓青, 窦爱霞, 孙国清, 丁香, 王 龙, 袁小祥	(1)
高分光学遥感地震应急应用原型系统	
..... 窦爱霞, 丁香, 王 龙, 王晓青, 单新建, 张景发, 马海建	(11)
地震前后遥感影像空间尺度特性与最优空间尺度选择	
..... 陈文凯, 何少林, 裴惠娟, 窦爱霞, 周中红	(19)
基于广义高斯模型的 SAR 幅度图像震害检测	刘云华, 庾 露, 单新建 (29)
基于 SIFT 特征的 SAR 图像配准方法在玉树地震中的应用	
..... 贺素歌, 董彦芳, 袁小祥	(37)
面向地震应急的遥感影像快速定位研究	袁小祥, 王晓青, 张 伟, 窦爱霞, 郭建兴 (46)
基于 CF 多元回归模型的地震滑坡危险性研究——以香港屯门为例	
..... 何 萍, 丁原章	(52)
基于 Logistic 模型的地震次生崩滑危险性评价——以汶川县为例	李晓璇, 马海建 (63)
基于边线的遥感影像道路震害快速提取方法研究	马海建, 陆 楠, 李晓璇 (71)
高分辨率遥感影像道路震害的快速提取	刘明众, 张景发, 李成龙, 刘国林 (79)
高分遥感影像震害提取的变化检测算法改进	
..... 张 伟, 王晓青, 孙国清, 丁香, 袁小祥, 郭建兴	(87)
基于 CART 决策树提取高分辨率遥感影像建筑物信息	李 强, 张景发 (96)
基于主成分分析的遥感震害变化检测方法与应用	李成龙, 张景发 (103)
面向对象的房屋震害变化检测方法	
..... 龚丽霞, 李 强, 张景发, 曾琪明, 刘明众, 李成龙	(109)
基于数学形态学的高分遥感影像地震重点目标信息提取	张小咏, 买 莹, 张 凌 (115)
基于 OpenGIS 和数字地球平台的地震应急遥感震害信息发布系统研究	
..... 郭建兴, 王晓青, 窦爱霞, 袁小祥, 张 伟	(123)
援印尼地震监测台网及其自动定位系统效能评估	
..... 章 静, 李晓杰, 杨桂存, 丁秋琴, 李璐彬	(132)
全球 7 级以上大地震及中国 4 级以上地震目录(2012 年 4~6 月)	
..... 苗春兰	(142)

* * * * *

期刊基本参数: CN11-1893/P * 1981 * q * 16 * 144 * zh * P * ¥20.00 * 1150 * 17 * 2013-2

EARTHQUAKE

Vol. 33 No. 2 2013

CONTENTS

Intensity Assessment of the 2010 Yushu $M_s7.1$ Earthquake Based on Synthetic Seismic Damage Index	
..... WANG Xiao-qing, DOU Ai-xia, SUN Guo-qinq, et al.	(1)
A Prototype System for Emergency Earthquake Damage Analysis and Processing Based on Optical High Resolution Images	
..... DOU Ai-xia, DING Xiang, WANG Long, et al.	(11)
Analysis and Optimal Selection of Spatial Scale for Remote Sensing Images before and after Earthquakes ...	CHEN Wen-ka, HE Shao-lin, PEI Hui-juan, et al. (19)
Earthquake Disaster Assessment Based on Generalized Gaussian Model Using SAR Amplitude Data	LIU Yun-hua, YU Lu, SHAN Xin-jian (29)
SAR Image Registration Based on SIFT Algorithm and its Application to the 2010 Yushu Earthquake	HE Su-ge, DONG Yan-fang, YUAN Xiao-xiang (37)
Earthquake Emergency-oriented Rapid Location of Remote Sensing Images	
..... YUAN Xiao-xiang, WANG Xiao-qing, Zhang Wei, et al.	(46)
Risk Assessment of Earthquake-induced Landslide Based on CF Multi-variable Regression Model —— A Case Study of Tuen Mun, Hong Kong	
..... HE Ping, DING Yuan-zhang	(52)
Risk Assessment of Earthquake-induced Collapses and Slides Based on Logistic Model for the Case of Wenchuan County	LI Xiao-xuan, MA Hai-jian (63)
Rapid Extraction of Earthquake Road Damages Based on Sidelines from Remote Sensing Images	MA Hai-jian, LU Nan, LI Xiao-xuan (71)
Rapid Extraction of Road Damages from High Resolution Remote Sensing Images	LIU Ming-zhong, ZHANG Jing-fa, LI Cheng-long, et al. (79)
An Improved Change Detection Algorithm for Building Damage Extraction Based on High Resolution RS images	
..... ZHANG Wei, WANG Xiao-qing, SUN Guo-qing, et al.	(87)
Extraction of Building Information from High Resolution Images Based on CART Decision Tree	LI Qiang, ZHANG Jing-fa (96)
Method and Application of Earthquake Damage Change Detection from Remote Sensing Images Based on Principal Component Analysis	
..... LI Cheng-long, ZHANG Jing-fa	(103)
Object-oriented Detection of Earthquake Building Damages	
..... GONG Li-xia, LI Qiang, ZHANG Jing-fa, et al.	(109)
Extraction of Earthquake Key Objects from High Spatial Resolution Images Based on Mathematical Morphology	
..... ZHANG Xiao-yong, MAI Ying, ZHANG Ling	(115)
Remote Sensing Data Dissemination System for Earthquake Emergency Based on OpenGIS and Digital Earth Platform	
..... GUO Jian-xing, WANG Xiao-qing, DOU Ai-xia, et al.	(123)
Performance Evaluation of Indonesia-China Digital Seismographs Network and Earthquake Automatic Location System	
..... ZHANG Jing, LI Xiao-jie, YANG Gui-cun, et al.	(132)