

技术应用

矿山地质灾害特征遥感研究

李成尊, 聂洪峰, 汪 劲, 王晓红

中国国土资源航空物探遥感中心,北京100083

摘要:

应用Quick Bird遥感数据对山西晋城煤矿开采引发的地质灾害进行调查, 研究了不同类型地质灾害(塌陷坑、地面

裂缝)的遥感影像特征, 对矿区地质灾害现状、成因、分布规律特点和调查精度进行了分析评价。

关键词: 矿山地质灾害 高分辨率 遥感 影像特征

A REMOTE SENSING STUDY OF CHARACTERISTICS OF GEOLOGICAL DISASTERS IN A MINE

LI Cheng-Zun, NIE Hong-Feng, WANG Jin, WANG Xiao-Hong

China Aero Geophysical Survey and Remote Sensing Center for Land and Resources, Beijing 100083, china

Abstract:

Based on the data of Quick Bird, this paper studied geological disasters caused by coal mine exploitation in Jincheng, Shanxi Province. In this paper, characteristics of various geological disasters such as

depression pits, ground subsidence and earth fissures in remote sensing image are investigated, and the present

conditions, causes, distribution regularity and surveying precision of geological disasters in the mine are analyzed

and evaluated.

Keywords: Mine Geological disaster High-resolution Remote sensing Image characteristic

收稿日期 修回日期 网络版发布日期

DOI:

基金项目:

通讯作者:

作者简介:

作者Email:

参考文献:

本刊中的类似文章

扩展功能

本文信息

- ▶ Supporting info
- ▶ PDF(485KB)
- ▶ [HTML全文]
- ▶ 参考文献[PDF]
- ▶ 参考文献

服务与反馈

- ▶ 把本文推荐给朋友
- ▶ 加入我的书架
- ▶ 加入引用管理器
- ▶ 引用本文
- ▶ Email Alert
- ▶ 文章反馈
- ▶ 浏览反馈信息

本文关键词相关文章

- ▶ 矿山地质灾害
- ▶
- ▶ 高分辨率
- ▶
- ▶ 遥感
- ▶
- ▶ 影像特征

本文作者相关文章

- ▶ 李成尊
- ▶ 聂洪峰
- ▶ 汪劲
- ▶ 王晓红

PubMed

- ▶ Article by Li, C. Z.
- ▶ Article by Nie, H. F.
- ▶ Article by Wang, J.
- ▶ Article by Wang, X. H.

反馈人	<input type="text"/>	邮箱地址	<input type="text"/>
反馈标题	<input type="text"/>	验证码	<input type="text" value="0011"/>