

典型应用

基于CBERS-02B星数据的矿山开采环境变化动态监测——以德兴铜矿为例

于艳梅¹, 甘甫平², 周萍¹, 韩志伟¹

1. 中国地质大学(北京)地球科学与资源学院, 北京 100083; 2. 中国国土资源航空物探遥感中心, 北京 100083

摘要:

以江西德兴铜矿为试验区, 利用多期CBERS-02B星CCD数据对德兴铜矿矿山开采环境进行遥感动态监测与分析, 以期对矿山的合理开发、环境监测与可持续发展提供决策分析方法。

关键词: CBERS-02B星; 遥感; 矿山开采; 动态监测

THE DYNAMIC MONITORING OF THE EXPLOITATION ENVIRONMENT BASED ON CBERS-02B: A CASE STUDY OF THE DEXING COPPER MINE

YU Yan-mei¹, GAN Fu-ping², ZHOU Ping¹, HAN Zhi-wei¹

1. China University of Geosciences, Beijing 100083, China; 2. China Aero Geophysical Survey and Remote Sensing Center for Land and Resources, Beijing 100083, China

Abstract:

The Dexing mine was dynamically monitored by the remote sensing data obtained by the CBERS-02B satellite. The exploitation of the mine has caused the deterioration of such environment factors as vegetation, water and soil. Based on data from the CBERS-02B, this paper dynamically monitored and analyzed the Dexing mine in order to study the adverse influence on the environment. The result shows that this study can provide the decision-making and analogy methods for the reasonable development of the mine, the environment monitoring and the sustainable development.

Keywords: CBERS-02B; Remote sensing; Mine exploitation; Dynamical monitoring

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:

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