

典型应用

基于CBERS-02B星数据的土地利用/覆被类型监测应用研究的应用研究

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摘要:

研究了基于CBERS-02B星数据的土地利用/覆被类型监测方法, 综合评价了基于像素分类法和面向对象法的应用精度和效果。结果表明, 基于像素分类法和面向对象分类法分类精度基本可满足土地宏观监测精度精度, 在保证影像质量和训练样本质量情况下, 分类精度可达到 80% 以上, 研究成果可为土地利用宏观监测提供技术参考。

关键词: CBERS-02B星; 土地调查; 遥感

APPLICATION METHOD FOR LAND USE MACRO MONITORING BASED ON CBERS-02B CCD DATA

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Abstract:

CBERS-02B CCD data can be used for land use monitor at macro scale based on general data quality test. It is important to consider automatic classification method because larger region and shorter period required compared to normal monitor project. The purpose of that study is to establish a method for land use macro monitor based on CBERS-02B CCD data. Pixel based and object based classification method were tested, the result shows that two automatic classification methods are practical and 80% overall classification accuracy were obtained.

Keywords: CBERS-02B; Land use; Dynamic change monitoring; Remote sensing

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