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遥感应用

基于融合NDVI和EVI时间序列的遥感影像分类研究

摘要:

通过比较分析发现同一地物的NDVI和EVI时间序列变化规律具有一定差异, 据此, 提出结合NDVI和EVI植被指数时间序列的分类方法, 结果表明比单独使用NDVI或EVI时间序列总体精度要提高2.7%, kappa系数提高0.04。

关键词: NDVI EVI 时间序列

Research on Remote Sensing Image Classification Based on NDVI and EVI Time Series

Abstract:

Through comparing and analyzing the time series of EVI and NDVI of the same features, we find that they have some differences in the law of change. So, a classification method combined with proposed EVI and vegetation index NDVI time series was proposed, and the results show that the method improves the overall accuracy 2.7%, and kappa coefficient 0.04 than the method which uses NDVI or EVI time series separately.

Keywords: NDVI EVI time series

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