

基于CBERS和MODIS数据的草地资源监测评价研究

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摘要:

在编制《草地资源遥感调查大纲》、《草地资源区划界定操作细则》、《草地资源区划界定图形数据及制图要求》等系列规范、细则, 以及包括基础地理信息、草地资源信息等多个方面的综合调查分类指标体系及数据字典的基础上, 研究和探索了一整套利用CBERS数据建立草地资源遥感解译标志, 采用人机交互的方式在GIS软件中对草地资源类型图进行更新, 并以CBERS数据更新后的草地资源专业图件作为背景, 应用EOS/MODIS数据实现草地植被的遥感动态监测与评价。

关键词: CBERS; MODIS; 草地资源; 植被指数; 遥感; 解译标志

CBERS and MODIS data based Grassland resources monitoring and evaluation

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Abstract:

During the establishment of rules and regulations, including “Guideline for Remote Sensing Investigation on Grassland Resources”, “Operation Rules and Regulations for Grassland Resources Management Planning” and “Rules of Mapping Data for Grassland Resources Management Planning”, the interpretation of remote sensing data of grassland resources was studied using CBERS data and the human computer interaction methods were used to renew the map of grassland type with GIS software, and then the renewed maps of grassland resources were used to achieve the dynamic monitoring on grassland resources together with EOS/MODIS data.

Keywords: CBERS MODIS grassland resources vegetation index remote sensing interpretation symbo

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