

基于TM的草原沙漠化治理工程治理程度等级指标的探讨——以镶黄旗飞播造林项目为例

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摘要:

草原沙漠化治理工程治理程度评价指标研究就是对草原沙漠化治理工程治理程度分等定级, 为科学治理、评价、合理利用和监测提供标准。以位于干旱半干旱区的内蒙古镶黄旗飞播造林项目为例, 结合野外调查和遥感影像解译, 以植被覆盖度为主导因素, 以风蚀积沙、生物结皮和土壤发育等作为辅助性指标, 确定了草原沙漠化治理工程治理程度等级指标。对评价我国草原沙漠化治理工程的成果和监测沙漠化草原动态具有指导作用。

关键词: 草原沙漠化; 治理工程; 治理程度; 指标确定

Discussion on grading index of grassland desertification control base on TM Data ——A case study of aerial seeding in Xianghuang Banner

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Abstract:

Studying grading index of grassland desertification control aims to determine the degree of grassland desertification control level, and to provide the indices for scientific desertification control and evaluation, rational utilization and supervision. This paper took Xianghuang Banner' s aerial seeding project in arid and semiarid region for an example, using vegetation coverage as dominant factor, wind and sand erosion as well as the biological soil crust and soil development as supplementary indexes, set up standard grading of grassland desertification control based on the field investigation and remote sensing image interpreter, providing reference to evaluate grassland desertification control effects and desertification grassland dynamics.

Keywords: grassland desertification control projects control degree index determination

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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