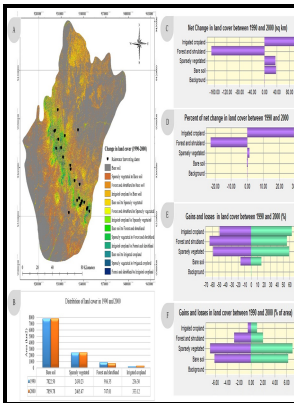


Development of an automated decision support system to aid land use classification of remotely sensed images.

The Author] - Developing an Interpretation System for High



Description: -

-development of an automated decision support system to aid land use classification of remotely sensed images.

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Decision tree classification of land cover from remotely sensed data

Cite this article Kiani, A. Much care was taken to scatter training areas across each image to ensure that they were representative of the entire image, and to retrieve as many training samples for each LUC classes as needed to satisfy the previously suggested criteria for establishing an appropriate minimum sample size.

GIS in land use change analysis: integration of remotely sensed data into GIS

Importantly, the highly accurate results obtained by this approach suggest its great potential for LUC mapping in subtropical areas.

Enhanced land use/cover classification using support vector machines and fuzzy k

This paper focuses on the application of GIS to land use change analysis. The classification polygons were assigned with the probability of occurrence with one of analyzed training class types.

Development of a land use extraction expert system through morphological and spatial arrangement analysis

The authors thank the editors and the anonymous reviewers for their useful input.

An automated satellite image classification design using object

Also, for results comparison, different vegetation indices such as normalized difference water index NDWI , modified NDWI MNDWI , and soil adjusted vegetation index are used for vegetation land analysis. Discussions ML classification map held the most details, while SVM classification map got the least particulars. Assessing the potential of integrated Landsat 8 thermal bands, with the traditional reflective bands and derived

vegetation indices in classifying urban landscapes.

Enhanced land use/cover classification using support vector machines and fuzzy k

The fuzziness parameter ϕ was set to 2. In order to use both advantages of SVM and FKM clustering, we proposed a combination method to deal with LUC classifications in remote sensing images.

Developing an Interpretation System for High

The KIA values were 88% for Aster images and 84% for the Landsat image.

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