

About the Journal

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A Comparative Analysis of Changing Land Use/Land Cover of Jammu and Srinagar Cities (1981- 2011)

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Abstract

The land use/ land cover changes, as the dynamic forces of global environmental change, are central to the sustainable development debate. These changes have an impact on a wide range of environmental and landscape attributes including the quality of water, land and air resources, ecosystem processes and uses and surface effects. The land use/ land cover pattern of a region is an outcome of natural and socio-economic factors and their utilization by the man in time and space. An attempt has been made in this paper to compare the changing land use/ land cover (LU/LC) of Jammu and Srinagar cities between 1981 and 2011. The study was conducted with a vision to detect the land consumption rate/ urban expansion and the changes that have taken place predominantly in their built-up land, to predict probable changes that might take place in the next thirty years using both Geographic Information System (GIS) and Remote Sensing data.