

## LAND USE AND LAND COVER CHANGES IN DELHI 1999 AND 2006

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### ABSTRACT:

In the present scenario, where we do not have planned urbanisation in most parts of India and haphazard growth of urban area is taking place. Due to this land use pattern are changing from green to build-up area which has its own environmental impacts on the health of city. With the help of recent developed technologies like Remote Sensing and Geographical Information System, which give synoptic and continuous temporal coverage of data and facilitate the analysis of that data in better way, we can monitor such type of change and can make better plans for better future. In the present study we compared the satellite images (LANDSAT TM) of two time periods with help of GIS to get the pattern of change in land use in Delhi from 1999 to 2006. Area under agriculture and barren land decreased from 1999 to 2006 and area under forest, water bodies, and build-up has increased during the same period.

**KEY WORDS:** Land use, Remote Sensing, GIS, Urban Growth, and Planning

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